College of Engineering & Computer Science

CONVOCATION

May 2021



A Message from the Dean

Dear Graduates,

Congratulations on earning your degree from Syracuse University! This degree will mean something different to each of you. Maybe you are in the first generation of your family to earn a degree. Some of you will continue your studies in graduate school or within an academic or research lab career. Perhaps you were unsure if this day would ever come as you struggled to surmount curricular, research or personal barriers. Regardless of your path, you have every reason to be immensely proud of your accomplishments.

Your Syracuse education will be transformative as you begin your career. By now, you have surely come to realize that the skill sets you obtained here are just part of the benefit of your degree: You are tremendously valuable because of your problemsolving mindset, and because you can respond to ever-changing challenges. After all, we have certainly learned that the issues that confront us now are (clearly!) not the issues that confronted the world five years ago, and they won't be the ones that confront us five years from now.

Engineering and computer science problems are fraught with uncertainty and complexity, and often require a vast skill set that no one person has. They require us to work with people in different disciplines, with different backgrounds and having a broad array of different goals. I plead with you not to underestimate your own importance in addressing the grand challenges that our society faces. Those difficult courses, papers and projects you labored through were designed precisely to help you as you embark on your next phase of life. Maybe you worry that in the workplace, you won't remember certain formulas, will forget how some algorithm works and won't know the latest programming language that a new generation adopts. This is inevitable; what matters is the fact that you know how to learn, adapt and innovate, just as you did during your time at Syracuse.

As a Syracuse University graduate, you will surely serve as an inspiration to future generations. As you build a safer, healthier and more sustainable world, be sure to stay in touch and find ways to inspire the next generation with your knowledge, experience and support. Your faculty and staff will miss you more than you think, and they care deeply about your continued success. Please take the time to connect with us, thank the ones who meant the most to you during your journey here and stay in touch to share your ongoing journey with us.

Sincerely,

J. C. ditte

J. Cole Smith, Dean College of Engineering & Computer Science

We dedicate this program to all past and present students of Syracuse University's College of Engineering & Computer Science and to their families and friends.

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Doctor of Philosophy Degree Candidates

This list represents the names of students who filed a diploma request card by March 26, 2021 to declare their candidacy for participation in graduation ceremonies.

Amit Ahlawat

Ph.D. Electrical and Computer Engineering Advisor: Dr. Wenliang Du Securing User Interaction Channels on Mobile Platform Using ARM TrustZone

Sagnik Basumallik

Ph.D. Electrical and Computer Engineering Advisor: Dr. Sara Eftekharnejad Impact Assessment, Detection and Mitigation of False Data Attacks in Electrical Power Systems

Amith Kamath Belman

Ph.D. Computer and Information Science and Engineering Advisor: Dr. Vir V. Phoha User Authentication Across Devices, Modalities and Representations: Behavioral Biometric Methods

Junbo Chen

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Teng Zhang Modeling and Simulation of Morphological Instabilities in Thin Elastic Solids

Hossein Eslamiat

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Amit K. Sanyal Autonomous Path Planning, Geometric Nonlinear Control and Estimation, and Their Application to Underactuated Vehicles

Manish Gupta

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Shalabh Maroo Molecular and Experimental Study of Heterogeneous Bubble Nucleation and Growth in Nano-Confinement

Reza Hamrah

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Amit K. Sanyal Discrete-time Stable Geometric Controller and Observer Designs for Unmanned Vehicles

Plansky Hoang

Ph.D. Chemical Engineering Advisor: Dr. Zhen Ma Cardiac Organoid Technology and Computational Processing of Cardiac Physiology for Advanced Drug Screening Applications

Xin Lei Huang

Ph.D. Chemical Engineering Advisor: Dr. Jesse Bond An Examination of y-Valerolactone Ring Opening and Decarboxylation in Multiphase Systems and Over Various Solid Acid Catalysts

Zilong Jiao

Ph.D. Computer and Information Science and Engineering Advisor: Dr. Jae C. Oh Reinforcement Learning for Mobile Robot Collision Avoidance in Navigation Tasks

Basak Keskin

Ph.D. Civil Engineering Advisor: Dr. Baris Salman A Building Information Modeling (BIM)-centric Digital Ecosystem for Smart Airport Life Cycle Management

Mehmet Onur Kok

Ph.D. Electrical and Computer Engineering Advisor: Dr. Qi Wang Song Amplifier Architectures for Wireless Communication Systems

Rajesh Kumar

Ph.D. Computer and Information Science and Engineering Advisors: Dr. Chilukuri K. Mohan and Dr. Can Isik Treadmill Assisted Circumvention of Wearable Sensors-Based Gait Authentication

Ricky Laishram

Ph.D. Computer and Information Science and Engineering Advisor: Dr. Sucheta Soundarajan The Resilience of k-Cores in Graphs

Sang Won Lee

Ph.D. Chemical Engineering Advisor: Dr. Dacheng Ren Effects of Surface Topography on Bacterial Biofilm Formation

Yilan Li

Ph.D. Electrical and Computer Engineering Advisor: Dr. Qinru Qiu Neuromorphic Systems for Pattern Recognition and UAV Trajectory Planning

Tong Lin

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Thong Dang Flow Interaction Between Turbomachine Blade Row and Flow Resistance Medium

Yang Liu

Ph.D. Electrical and Computer Engineering Advisor: Dr. Biao Chen Multi-function RF for Situational Awareness

Xingji Lu

Ph.D. Civil Engineering Advisor: Dr. Riyad Aboutaha Column Footings Strengthened with External Prestressing and External Wrapping Systems

Ryan S. Luley

Ph.D. Computer and Information Science and Engineering Advisor: Dr. Qinru Qiu GPU Resource Optimization and Scheduling for Shared Execution Environments

Nafiseh Shahbazi Majd

Ph.D. Civil Engineering Advisor: Dr. Eric Lui Analysis and Behavior of Segmented Energy Absorbing Steel Plate Shear Walls (SEA-SPSWs)

Mohammadhossein Mamaghani

Ph.D. Civil Engineering Advisor: Dr. Eric Lui Application of Wavelet Transform to Endurance Time Analysis Method for Performance-based Seismic Design

Zhaozhou Meng

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Jianshun Zhang An Intelligent Virtual Design Studio for Integrative Design of Green Buildings

Aleksey Valeriy Panasyuk

Ph.D. Computer and Information Science and Engineering Advisor: Dr. Chilukuri K. Mohan Inferring Degree of Localization of Twitter Persons and Topics Through Time, Language and Location Features

Kathleen Gallagher Pieri

Ph.D. Bioengineering Advisor: Dr. James Henderson 4D Printing Shape Memory Polymers for Biomedical Applications

Krittaphat Pugdeethosapol

Ph.D. Electrical and Computer Engineering Advisor: Dr. Qinru Qiu Learning Semantic Information From Multimodal Data Using Deep Neural Networks

Nandhini Rajagopal

Ph.D. Bioengineering Advisor: Dr. Shikha Nangia Computational Algorithms for Predicting Membrane Protein Assembly From Angstrom to Micron Scale

Javad Shafiei Shiva

Ph.D. Civil Engineering Advisor: Dr. David Chandler How Heatwaves Are Changing Urban Livability Across the United States: A Case Study in Ten Communities

Amar Shrestha

Ph.D. Electrical and Computer Engineering Advisor: Dr. Qinru Qiu Inference and Learning in Spiking Neural Networks for Neuromorphic Systems

Natalie Sommer

Ph.D. Electrical and Computer Engineering Advisor: Dr. Senem Velipasalar-Gursoy Multi-Label/Multi-Class Deep Learning Classification of Spatiotemporal Data

Yueming Song

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Alan Levy Anti-plane Shear of Cylinders and Layered Systems: Cohesive Fracture and Instability

Kai Sun

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Utpal Roy Solving Process Planning and Scheduling Problems Using the Concept of Maximum Weighted Independent Set

Han Tu

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Melissa A. Green Analysis of the Flow Structure and Reattachment Over Accelerating Non-Slender Delta-Wing Planforms

Fang Wang

Ph.D. Civil Engineering Advisor: Dr. Eric Lui Mechanical Properties and Cyclic Behavior of High Strength Steel After Fire Exposure

Tiexing Wang

Ph.D. Electrical and Computer Engineering Advisor: Dr. Biao Chen On Sequence Clustering and Supervised Dimensionality Reduction

Zhiyuan Xu

Ph.D. Computer and Information Science and Engineering Advisor: Dr. Jian Tang Experience-Driven Control for Networking and Computing

Omer Yaman

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Utpal Roy Model-based Approach for Product Requirement Representation and Generation in Product Lifecycle Management

Rui Zhang

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Jianshun Zhang Effects of Air Pollution, Temperature and Moisture Content on Copper and Silver Corrosions and the Reliability of Data Center Equipment

Xiaoxiao Zhang

Ph.D. Mechanical and Aerospace Engineering Advisor: Dr. Teng Zhang Wrinkling Patterns on Curved Surface With Gradient Curvature under Compression

Ziyi Zhao

Ph.D. Electrical and Computer Engineering Advisor: Dr. Qinru Qiu Large-Scale Unmanned Aerial Systems Traffic Density Prediction and Management

Yu Zheng

Ph.D. Electrical and Computer Engineering Advisor: Dr. Senem Velipasalar Person Re-identification Models and Its Security

Ran Zhu

Ph.D. Chemical Engineering Advisor: Dr. Jesse Bond Kinetics of Methyl Ketone and Levulinic Acid Oxidative Scission Over Supported Vanadium Oxide Catalysts

Master of Science Degree Candidates

This list represents the names of students who filed a diploma request card by March 26, 2021 to declare their candidacy for participation in graduation ceremonies.

BIOENGINEERING

Julius Akeen Allen Victoria Anna Bialczak Sagar Lahu Birajdar Octavio Cordova Jr. Rohan Rajendra Dalvi Russell Fearon Emily Marie Fuchs Tian Gao Olivia Marie Gubitose Allyson Karmazyn Sreedevi Reddy Kovvuri Molly Lepeska Lyuyang Lyu Cole D. Moberg

CHEMICAL ENGINEERING

Meghan Marie Bixby Meet Sandipkumar Desai Rong Fan Max Michael Goodwin Emir Hadzic Yuyang Huang Regina Kuria

CIVIL ENGINEERING

Matthew C. Abbott Matthew Douglas Acomb Chang Chen Yuyang Chen Grant Mitchell Heath Zachary Thomas King Ariold Kondo Nicholas Joseph Nelson Courtney Rose Ogando Elizabeth Oguntade Quinn Lewis Rapps Sumeyye Salman Ellen Shepherd Jared Phillip Sills Cesar Ivan Suarez Zeyi Tong Momina Toseef Kruti Vinay Vora Xiangjun Wu Zhe Zhang

Weixin Li Yongzhi Li Patrick Matthew Marsch Moussa Sy Benjamin Harris Weiss Kaixiang Zhang

Michael Joseph Moore Shuaiting Mu Niruthshanan Paransothy Mason Stavalone Pavan Kumar Venkataraju Yiwei Wang Bilal Zuhric

COMPUTER ENGINEERING

Eyoel Getahun Armede Barry L. Armour Nathan Brown Steven R. Brunjes Yeshwanth Chandrashekarajah Minhao Chen Michael Cryer Akshay Dalavai Setu Samir Desai Yujie Fan Yang Gan Kyle Gapinski Duhao Guo liachen Guo Qiaolongfei Guo Erik Jones Mihir Prashant Joshi Narendra Katamaneni Ryan Joseph Kelleher Abdul Ahad Khan Keith Lesser Qinghan Li Yuxin Li liavang Liu Shiiie Liu Yu Ma Yue Ma Aditva Patruni Hemanta Kumar Pattnaik Minxuan Oin Xue Ren Michael Rice

leremy Sardella lavsheel Shah Nikesh Shanegere Raj Zheng Shi Anisha Siddapur Math Gafei Szeto Rui Tao Elona Vabishchevich Mudit P. Vats Samuel M. Voss Ralph Walker II Baoyu Wang Chenhui Wang Qixing Weng liajie Wu **Qiving Wu** Tianjian Xia Wanxiang Xie Jingran Xu Mingyang Xu Zhenyu Xu Chenguang Yang Haoming Yang Shengzuo Yang Peng Zhang Zhenhang Zhang Hang Zhao Kecheng Zhao Yu Zheng Rui Zhong Bo Zhu Xiang Zuo

COMPUTER SCIENCE

Bilal Anis Ahmad Neil E. Alberson Jeffrey Chandler Alexovich Andrew W. Allhusen Ricardo A. Alonzo Ugalde Myron Darryl Amparo Krista Theresa Anken Mohamed Manesh Aravassery Abdulla Srihari Athiyarath Paras Babbar Nishanth Reddy Bandaru Ramya Bangaru Puja Bathija Husen Abdulhusen Bhagat Sandesh Bhat Shashwat Saket Bhatt Peter Brady Monyrath Buntoun Zhengqi Cai Yueling Cen Shwetha Chatra Raveesh Chen Chen

COMPUTER SCIENCE, CONTINUED

Qilan Chen Silin Chen Zimu Chen Haoyu Cheng Michael V. Cheng Chaithanya Chikkanna Swamy Chien-Che Ching Kritika Chugh Nicholas A. Ciufi Tiancheng Dai Henry Daise III Aavush Mitulkumar Desai Malay Alkeshbhai Desai Alpana Anil Deshpande Kaustubh Rajendra Deshpande Swarada Uday Deshpande Mudit Dham Sai Satvik Doddaka Harold Donovan Ir. Meet Dharmeshkumar Doshi lames K. Elias Ashraf S. Elnashar Fredrick Esposito Luke A. Evans liagi Fan Qi Fang Zhixuan Fang Zigi Fang Kamin |. Fay Craig Flewelling Olivia Aiden Flynn Kevin Fu Hrishikesh Pravin Gadkari Manisha Kamal Galani Alexandria Garland Vijayalakshmi Girijala Fengnian Guo Shivani litendra Kumar Gupta Gahan Gurumurthy Brandon Edward Hancock Guangyi Hao liajun He Peiyang He Zhouchang He Stephan Hennion Satwik Hosamani

Qinwei Huang Manasvi lain Samuel Troy Jenkins lingang lin Daniel Kalish Baris Karacan Kshitiz Kesharwani Sahil laikumar Kewlani Kevin Lam Kha Ankit Prabhat Khare Matthew lames Kinsley Yu Yu Ko Shruti lavantilal Kotadia Pranav litendra Kulkarni Sanjana Kyasrahalli Sreenivasamurthy Guancheng Lai Philip Lastner Ionathan B. Ledlow lessica M. Lembke BoLi Dan Li Keyang Li Ruohan Li Xiang Li lingwen Ling liachen Liu Xiaohan Liu Xin Liu Can Luo Yili Luo leah Luo Lian Ma Gargi Sanjeev Mahale Rajendra Sachin Mahendrakar Lahari Malladi Neil Malu Shwetha Koushik Manchinahalli Srikanta Chaitanya Mandava Chenchen Mao Kevin Martin Amina Meghezzi Tejas Sanjay Mehta Xianglu Meng Yumin Meng Ziyang Miao

COMPUTER SCIENCE, CONTINUED

Sitesh Prasad Mishra Apurva Shriniwas Mulav Ketki Mohit Naik Varshitha Naladala Karthik Naravan Nitesh Nawlani David Ridgeway Nelson IV Anshuman Nene Joseph T. Nguyen leet Samir Patel **Rohith Pattathil Thomas Petrangelo** Dhruva Sunil Pradhan David John Pretola Yifu Qiao Raja Sekhar Raghupatruni Siddesh Vijay Rane Subhiksha Ranganathan Vindhya Ravi Prakash Sameer Rizvi Collen Roller lustin Russo Ravjot S. Sachdev Prateek Sahu Aniani Haritha Sannidhanam William Schreiber Mark Schunemann Bhavya Yameshbhai Shah Dhrumil Ajaykumar Shah Rima Raikumar Shah Rushang Nehalbhai Shah Rushi Samirbhai Shah Samarth Nitin Shah Shyamal Dhimantkumar Shah Sandeepan Sharma Roy Dachuan Shi Gregory Youngsub Shin Lucas Silva Kiratdeep Singh liaxin Song Ranjitha Srinivasa Anthony M. Stoico Stuti Huda Syed Sreekar Reddy Sykam Mario Taglic

Frank S. Tamburrino Jr. Zhen Xin Tan Ruan Tejal Sanjay Taralekar Victoria Gwendolyn Tenney Yao Tong Alan Tsai Susmeet Sunil Tumbare lava Tyagi Bryan A. Ulrich Payan Kumar Vaddineni Mitarth Vaid Rahul Ramachandra Varrier Kiran Kumar Veparala Pranay Kumar Verma Andrei Vorobiev Chunxi Wang lialiang Wang Kexuan Wang Shuqu Wang Yifei Wang Zedong Wang Zeyu Wang Zhonghe Wang Zifan Wang Semaan Douglas Wehbe Ruiji Wei Peinan Weng Gerald Wolfe Winnie Wong Yikun Wu Yingjie Wu Yi Xiao Erkang Xie Ziyin Xie Diliao Xu lingwen Xu Yuchao Xu Minmin Yang Choon Peng Yap Siling Yin Yi Yu Yuexin Yu Shengtong Yuan Thambu Zaemenock Kamalabai Stephen P. Zarro

COMPUTER SCIENCE, CONTINUED

De Zeng Hanlin Zhang Jiaming Zhang Jinglun Zhang Qi Zhang

CYBERSECURITY

Ademola Adejokun Robert Amstadt Ravi Karan Anand Kirk Angello Barry L. Armour M. Sajjad H. Bhuiyan Ambarish Milind Bivalkar Renzo Carpio Wood Compere John L. Dendy Seyedsina Dinparvar Omeir S. Khan Amit Koppad Michael Kowpak Keyi Li

ELECTRICAL ENGINEERING

Ouinn Breitfeller Matthew Joshua Burges Linnan Chen Snehal Satish Dashpute Pivush Vinavak Deolikar Shan Dong Siyuan Du Fei Han Yanbiao Huang Nandkishore Krishnachandran Hannah Louise Lesselroth Donghao Li Mingqi Liu Wenjing Liu Gokul Manappetty Syamalan Monisha Mantralava Ramesh Mohammed Omer Shareif

Linkun Zhao Diana Yulin Zheng Yuxuan Zhou Chi Zuo

Walter Timothy Joseph Lopez Madhava Sai Prudhvi Madala Shaun Marks Matthew James Moran Victoria E. Myers Fanion Newsome Joas Occes Kyle Peppe Patrick D. Ruff Paul Scott Sonam Sharma Le Sun Johnathan Tai Weiling Wang Nicholas William Weier

Kiara Mary Osolinsky Okechi Ucheoma Osuagwu Sushant Vijavkumar Patil Guillermo Ramon Sanchez Da Ren Huantao Ren Karan Vijay Shah Patrick Samuel Talkington Ziqi Wang Bova Xing Lijing Yang Tiankai Yang Yipeng Zhang Wengi Zhao Yuefei Zhao Yu Zheng Eric Michael Ziegler

ENGINEERING MANAGEMENT

Harika Bandaru Trevor Paul Brudz Siddarth Sanjeev Chavan Soham Santosh Chavan Cole Scott Coutermarsh Colton Green Rachit Gupta Vaibhav Vasantrao Hakke Xinyu He Jaclyn Marie Hingre Miraj Vinay Kadam Qiao Kang Asheesh Chandrashekhar Kate Jun Xuan Liu Meet Setu Pandit Abhishek Anil Patil Zhenyang Qiu Arjun Meghraj Sable Nihar Salvekar Rishab Sanjay Sanghi Dhanesh Vilas Sawant Saad Tabrez Sayed Teerit Teppukdee Shreya Rupak Udeshi Haopu Wu Tianyi Xie Zeyu Xu Hanqing Zhang

ENVIRONMENTAL ENGINEERING

Siddhant Bansal Courtney Lynn Gammon Yngrid Pereira Marques Priyanka Rajashekar Mengyi Zhang

ENVIRONMENTAL ENGINEERING SCIENCE

Amy Lynn Shaw

MECHANICAL AND AEROSPACE ENGINEERING

Abdul Aziz Ahmad Shuai Chen Xuanhan Chen Nathan David Cozzens Jonathan Edward Cyganik Abbas H. Diab Brian Walker Doktorczyk Alex Bogdan Filip Danyang Fu Aleksandr Javier Galindo Chenhui Geng Yu Guan Constantine Hadjidimoulas Alexander Ryan Hartwell Nathan Timothy Johnson Seth Kelly Akhilesh Varma Kosuri Daniel Oliver La Bella Mengai Li **Xingchen Li**

Bowen Liu Hao Liu Vincent lames McGovern Matthew Conrad Nigro Daniel Edward Ostaszewski Garrett Andrew Palmer lames loseph Pieri Siddharth Thandra Sistla Yanbing Tang Eric Thoi lean Eric van der Elst Portero Guanlin Wang Jinbo Wang Xuezheng Wang Hanzhao Xiao Boyu Zhang Zhaoxin Zhang Zicheng Zheng Xulong Zhu

Bachelor of Science Candidates

This list represents the names of students who filed a diploma request card by March 26, 2021 to declare their candidacy for participation in graduation ceremonies.

AEROSPACE ENGINEERING

Zar Nigar Ahmad Justin Douglas Blowers Madeline Constance Brooks Owen P. Clvne Kaya Daniels Rvan Demis Aleksandar Dzodic Kaleb Ionah Eddy Hans-Christian Esser lacob Fastov Sareta Rose Gladson Giacomo Kopple Guida lake T. Hague Robert Kirvin Zachary Andrew Kubala Xinyu Liu

BIOENGINEERING

Samantha Michelle Abate Jordyn Danielle Abrams Gabriela Angel Daniel Aniboye Attakora-Yeboah Ailla Frances Bishop Maria Grace Catalane Elizabeth Ann Clarke Alejandro J. Durand Natalie Brooke Edelstein Bailey M. Felix Gabriela Renee Gonzalez- Beauchamp Paul Harris Goral Nathaniel Fee Gur-Arie Simran Karamchandani Kiana Yanira Lally Aidan Hoffman Maples Gian Ettore Mecca Vincent Anthony Miczek Paul Robert Mokotoff Matthew Niwelt Daniel Oluwalana Yezully Elliette Retana Moran Kip Risch-Andrews Emily Muriel Rivard John Thomas Steele Sahevaan Taneia Maria Tarulli Nicklas M. Vinci Iohn T. Whitney Aliza Marie Willsey Beniamin Paul Zakzewski

Trevor Daniel Amnott Liimatainen Mark Maximilian Macios Connor G. Mulligan Matthew Evan Orlando Natalie Marie Petryk Alexander C. Rateb Beatrice Elizabeth Reilly Patrick Anthony Riolo Rebecca A. Schaefer Katharine V. Stasior Bearett Ann Tarris Edgardo A. Velazquez Ramirez Royce Robert Weber-Pierson Alina Zdebska

CHEMICAL ENGINEERING

Keerthivanan Annadorai Adriana M. Archilla Fraticelli Rachel A. Ayala Olivia Anna Babu Gregory Boone Olushola M. Coker Kelly Abigail Correa Hao Dai Priya Sai Ganesh Cheyenne Michelle Kersavage

CIVIL ENGINEERING

John Patrick Aldrich Anna Rose Arcaro Oscar Guillermo Baez Arielle Bramble Emma Jane Brown Trevor Caviness Brandon Colon Carol L. Doggett Thomas Driscoll Luke F. Flahive **Bradley Charles Frederick** Michael Garcia Bensen Gu Zelin Guo Kyle Jacob Huff Antonio Liparoto

COMPUTER ENGINEERING

Malkiel Asher Jinzhi Cai Yifei Che Dana Marie Castillo Chea Guoliang Chen Skyeler R. Delva Milton Guarionex Escoto Crispin Ketan Dubey Ryan Anthony Kane Andrew Edward Kelsey Nicole Helene Llewellyn Oliver Mutu Thomas A. O'Brien Jr. Seth Reed Ivan Yankov Sarbinov Dakota Alexander Story Spencer Thomas Tardy Megan Varcoe Connor Andrew Wescott Melita Zejnilovic

Lluvia Margarita Lopez Garces Nadia Mildred McMichael Erin Elizabeth O'Brien Kevin Bryant Ordonez Svetislav Radovic Christopher J. Rettinger Angie M. Rodriguez Isabella Sophia Salgado Stephanie D. Schein Emma Haves Schoonover Garrison Schwer Ravvn Smith Adrian Stiefelmann Alec Spencer Thompson Anand Veeraswamy loselyn Vidaca

Connor Kinahan Nicholas Gerard Lee Landry Mrinal Mathur Nicholas J. Mohan Erik C. Olsen Isaiah K. Plummer Ritwik Takkar Shu Wang Xiong Feng Zhu

COMPUTER SCIENCE

Savf Eddin Ahmed Til Bahadur Baniva John-Paul Tabi-nyo Besong Maxwell William Hans Bockmann Dane B. Brazinski Abby Violet Walter Chapman Yunhao Che Kelvin Chen **Xinglin Chen** Doung Lan Cheung Otitodirichukwu Oto Darl Uzu Rahel Negatu Demissie William Devitt Gregory B. Driscoll Cem Eden **Tyrone Fernandes** Amaya C. Finklea Mario R. Garcia leremy Gavrilov Brian |. Giusti Matthew A. Govia Andrew Hamann Alicia K. Harris Taisei Hashimoto Zitao He Wendy Hesser lamed K. Kamara Cynthia Sze Nga Kar Jared Michael Kozak Eric C. Lee Hao Li Ziai Li Arvin Lin Chang Liu Yulong Liu Tiara Imani Logan Minmin Lu Ruini Lyu Zihao Ma Anthony Marte

Gregory Philip Morneault Paige C. Mundie Joshua R. Murphy Phuc Nguyen Nguyen Kamira Nowlin-Flagg Maduakolam Nicholas Onyewu Maya Elizabeth Ostoin Yulin Pan Ioshua S. Park Jun Hyoung Park Anthony Perna Lloyd S. Poor Lauryn Ashley Rivers Samuel Roberson Caitlin Margaret Sanders Tyler D. Smelski Benjamin William Smrtic Mo Sved Binh D. Thai Kyra Danielle Thomas Griffin E. Timm Daniel Weaver Ionathan Williams Sio lok Wong Tianvi Wu Chengjiang Xia Yurui Xiang linvang Xue Chen Yang Chen Yang Jintao Yang Rory Yang Linsong You Yian Yu Chengyuan Zhang Weikun Zhang Yao Zhang Ziving Zhou Raymond Zhu Sida Zhu

ELECTRICAL ENGINEERING

- Daniah Alzubaidi Malek Badwan Yuang Cao Shengran Cheng Brendan Robert Ciarlone Eli Aiden Clark Alex Lev Cramer Nicholas Anthony Fazzone Matthew R. Gelinas Miguel A. Gomez
- Jack Orlando Guida Emerson lannone Han Gyul Kwon Antian Liu Kylie Elizabeth Nikolaus Shahaz Nabil Rahman Stephen Joseph Rogers Roberto Alexander Salazar-Ramirez Chongfang-James Xu Jing Xu

ENVIRONMENTAL ENGINEERING

Ana Cristina Baez Gotay Evan James Cibelli Cambre Rae Codington Cameron Nicole Edwards Anna Cristina Feldman Jessenia Paola Guzmán Peralta Anna Michele Holdosh Erica Grace Jenson Matt Juliana Eva Rose Kamman

MECHANICAL ENGINEERING

Brayden Anthony Barton Charles Shaw Bowman lacob Brimberg Meaghan Patricia Loan Burns Adrian L. Caballero Caleigh J. Casey **Rishov Chatterjee** Santiago Correa Samuel Joseph Corrigan Cooper P. Crone Shelby M. Cullen Madeline E. Dennehv Katherine Grace Driscoll Wayne D. Ennis Andrew John Gagan Clinton Edward Farina Garrahan Emily Ann Greaney David M. Griffin Connor Haves Ronnie Holmes

Abigail Rose King Birch Maxwell Lazo-Murphy Carleigh Ann Lutz Jiayu Ma Steph Ricky Millan Jacob Thomas Sardino Levi A. Savaria Lun Wang Yifan Zhong

John Christopher Inzinga Aaron Musharraf lafri Nicholas W. Jebaily Zhao lin Vasilios G. Katsarakes Daniel Jacob Kenney Samuel Kim lason T. King Ionathan Kokkinos Elizabeth Marcy Kretzing John D. Larkin Lily C. Larkin Peter Le Porin Megan E. Lisowski Katherine Elizabeth Macbain Sarah Ann Michael **Georgios Michopoulos** Nicholas W. Mink Asif Mohammed Allison Mullen

MECHANICAL ENGINEERING, CONTINUED

Aidan T. O'Brien Colin Santangelo Caroline M. Smith Griffin Smith Owen Nicholas Smith Austin James Sumner Stephen James Walker Tszho Wong Sean T. Wuestman Maxwell James Yonkers Shuyang Zhao Brooke T. Zotara Zachary Paul Zusman

SYSTEMS AND INFORMATION SCIENCE

Sean Chen Ryan Thomas Congdon Yiyang Dai Jonathan Richard Deiss Anuj P. Gupta Rodcliff Hall Skyler Marie Hall Luke Gregory Hedges Nicholas E. Kantarellis Mitchell F. Liang Xiaoyu Liu Tyler Elias Moucha Salim Babajide Oloko Niara A. Phoenix Zachariah S. Reid Matthew Peter Vasiloff Luka Vrbaski Yinglin Zhang

Honors

CUM LAUDE

Jordyn Danielle Abrams Zar Nigar Ahmad Olivia Anna Babu Maxwell William Hans Bockmann **Gregory Boone** Dane B. Brazinski Madeline Constance Brooks Emma Jane Brown Caleigh J. Casey Maria Grace Catalane Trevor Caviness Abby Chapman **Rishov Chatterjee** Dana Marie Castillo Chea Xinglin Chen Shengran Cheng Cambre Rae Codington Kelly Correa Yiyang Dai Thomas Driscoll Alejandro J. Durand Bailey M. Felix Mario R. Garcia Brian J. Giusti Paul Harris Goral Emily Ann Greaney Jessenia Paola Guzmán Peralta **Connor Hayes**

MAGNA CUM LAUDE

Sayf Eddin Ahmed Anna Rose Arcaro Adriana M. Archilla Fraticelli Justin Douglas Blowers Yifei Che Eli Aiden Clark Otitodirichukwu Oto Darl Uzu Aleksandar Dzodic Cameron Nicole Edwards Zelin Guo Taisei Hashimoto Zitao He

Simran Karamchandani Andrew Edward Kelsey Connor Kinahan Birch Maxwell Lazo-Murphy Trevor Daniel Amnott Liimatainen Chang Liu Xinyu Liu Yulong Liu Lluvia Margarita Lopez Garces Erin E. O'Brien Kevin Bryant Ordonez Matt Evan Orlando Ioshua S. Park **Kip Risch-Andrews** Caitlin Margaret Sanders Ivan Yankov Sarbinov Griffin Smith Ravyn Smith Dakota Alexander Story Sahevaan Taneja Maria Tarulli Kyra Danielle Thomas Sio lok Wong Tianyi Wu Chengjiang Xia Yurui Xiang Chongfang-James Xu Chengyuan Zhang

Kyle Jacob Huff Eva Rose Kamman Abigail Rose King Kiana Yanira Lally Lily Larkin Peter Le Porin Hao Li Mitchell F. Liang Nicole Helene Llewellyn Katherine Elizabeth Macbain Sarah Ann Michael Connor G. Mulligan

MAGNA CUM LAUDE, CONTINUED

Oliver Mutu Kylie Elizabeth Nikolaus Yulin Pan Jun Hyung Park Natalie Marie Petryk Alexander C. Rateb Patrick Anthony Riolo Lauryn Ashley Rivers Stephen Joseph Rogers Colin Santangelo Rebecca A. Schaefer

SUMMA CUM LAUDE

Ailla Frances Bishop linzhi Cai Yuang Cao Guoliang Chen Evan James Cibelli Owen P. Clyne Hao Dai Rudolph DelFavero Kaleb Jonah Eddy Hans-Christian Esser Anna Cristina Feldman Bradley Charles Frederick Clinton Edward Farina Garrahan Matthew R. Gelinas Sareta Rose Gladson Bensen Gu lack Orlando Guida Andrew Hamann Wendy Hesser John Christopher Inzinga Zhao lin Cynthia Sze Nga Kar Daniel lacob Kennev Elizabeth Marcy Kretzing

Emma Hayes Schoonover Katharine V. Stasior John Thomas Steele Austin James Sumner Ritwik Takkar Anand Veeraswamy Edgardo A. Velazquez Ramirez Royce Robert Weber-Pierson Aliza Marie Willsey Jinyang Xue Chen Yang

Carleigh Ann Lutz Mark Maximilian Macios Gian Ettore Mecca **Georgios Michopoulos** Vincent Anthony Miczek Nicholas J. Mohan Paul Robert Mokotoff Paige C. Mundie Phuc Nguyen Nguyen Daniel Oluwalana Maya Elizabeth Ostoin Seth Reed Spencer Thomas Tardy Bearett Ann Tarris Alec Spencer Thompson Shu Wang Connor Andrew Wescott lintao Yang Linsong You Yian Yu Alina Zdebska Weikun Zhang Ziying Zhou Sida Zhu

Summa Cum Laude (3.8 GPA or higher), Magna Cum Laude (3.6 GPA or higher) and Cum Laude (3.4 GPA or higher) distinctions in this list are projections based on the student's cumulative GPA at the end of the Fall 2020 semester. This list is subject to change pending the completion of all required coursework and final cumulative GPA.

Scholar Awards & Prizes

SYRACUSE UNIVERSITY SCHOLAR

The highest undergraduate honor awarded by Syracuse University

Daniel Oluwalana

REMEMBRANCE SCHOLARS

Awarded by Syracuse University to honor the SU students lost in the bombing of Pam Am Flight 103

Anna Cristina Feldman Kylie Elizabeth Nikolaus

ALL-UNIVERSITY DOCTORAL PRIZES

Awarded by the Graduate School to recognize superior achievement in completed dissertations

Plansky Hoang	Natalie Sommer
Basak Keskin	Amar Shrestha
Sang Won Lee	Zhiyuan Xu
Nandhini Rajagopal	Ran Zhu

GRADUATE SCHOOL MASTER OF SCIENCE PRIZE

Awarded by the Graduate School to recognize outstanding achievement among recipients of M.S. degrees

Allyson Karmazyn

RENÉE CROWN UNIVERSITY HONORS

For seniors who have completed a multi-semester senior capstone project and have demonstrated an excellent command of language and commitment to global awareness, civic engagement, collaborative work and academic breadth and depth

Ailla Frances Bishop Maria Grace Catalane Rishov Chatterjee Evan James Cibelli Cameron Nicole Edwards Anna Cristina Feldman Bradley Charles Frederick Sareta Rose Gladson Paul Robert Mokotoff Kylie Elizabeth Nikolaus Seth Reed Ivan Yankov Sarbinov Rebecca A. Schaefer Alec Spencer Thompson

U.S. ARMED FORCES COMMISSIONS

The College of Engineering and Computer Science has a long tradition of helping to prepare leaders for The United States Armed Forces. The following students will be commissioned on Friday, May 8.

Zachary A. Kubala, Army Vincent A. Miczek, Air Force Levi A. Savaria, Air Force

University College Awards

UNIVERSITY COLLEGE OUTSTANDING GRADUATE AWARD

For outstanding part-time students earning a graduate degree with distinction

Jonathan Cyganik

Collegewide Awards and Prizes

COLLEGE MARSHALS

Two seniors who will lead the academic procession of graduates at Commencement, selected for academic achievements, scholarly activities, service to others, extracurricular activities and collegiality

Caitlin Margaret Sanders Daniel Oluwalana

RICHARD A. BERNARD AWARD

Endowed by Jean I. Bernard in memory of her husband, for a senior who has shown awareness to the needs of individuals with physical challenges and the creative application of engineering approaches to those functional and practical needs

Bailey M. Felix

GEORGE M. BERRY AWARD FOR BEST ALL-AROUND SENIOR

For excellence in academics, with distinguished contributions through leadership, service and extracurricular activities

Anna Cristina Feldman

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GEORGE M. BERRY AWARD FOR OUTSTANDING DESIGN ACHIEVEMENT

For a senior who has demonstrated outstanding creativity and tenacity in developing an original design solution to a technical problem

Paul Robert Mokotoff

LOUIS D. MARTINI AWARD FOR OUTSTANDING DESIGN PROJECT

Presented to a senior who has completed an outstanding design project

Spencer Thomas Tardy

EARL H. DEVOE PRIZE FOR OUTSTANDING UNDERGRADUATE RESEARCH

For an undergraduate student who has made a significant scholarly research contribution

Maya Elizabeth Ostoin

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE ALUMNI ASSOCIATION SERVICE AWARD

For a senior who has performed extraordinary service on behalf of the college community

Seth Reed

YUEH-YING HU MEMORIAL AWARD

For a senior woman who best exemplifies the spirit, determination and academic excellence demonstrated by Ms. Yueh-Ying Hu

Kylie Elizabeth Nikolaus

ANDREA L. RUBIN MEMORIAL AWARD

For a senior completing the requirements of the College of Engineering and Computer Science Cooperative Education Program

Ana Cristina Baez Gotay

Departmental Awards

AEROSPACE ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN AEROSPACE ENGINEERING

Endowed by I.A. Hotze, BEE '43, for a senior who has demonstrated the highest level of academic excellence throughout his or her Syracuse University career

Kaleb Jonah Eddy

RICHARD HEIMBURG ACHIEVEMENT AWARD IN AEROSPACE ENGINEERING

In honor of our courageous friend and colleague, Dr. Richard Heimburg, for a senior who has made the most significant creative achievement while maintaining a high level of academic performance

Paul Robert Mokotoff

BIOENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in bioengineering

Nandhini Rajagopal

KAREN M. HIIEMAE OUTSTANDING ACHIEVEMENT AWARD IN BIOENGINEERING

Established in memory of Dr. Karen M. Hiiemae, beloved professor, mentor and pioneer in science and research, for a senior who has combined outstanding academic achievement in bioengineering with the strength and spirit Dr. Hiiemae exhibited throughout her life

Natalie Marie Petryk

BIOENGINEERING FOUNDERS AWARD

Awarded in honor of Drs. Joseph Zwislocki and Earl Kletsky, initiators and nurturers of the bioengineering program, to a senior who has demonstrated outstanding and wide-ranging skills

Bearett Ann Tarris

OREN NAGASAKO AWARD

For bioengineering majors who demonstrate outstanding dedication and hard work acting as a preceptor to fellow students

Bailey M. Felix

CHEMICAL ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in chemical engineering

Plansky Hoang Ran Zhu

OUTSTANDING ACHIEVEMENT AWARD IN CHEMICAL ENGINEERING

Endowed by I.A. Hotze, BEE '43, for the senior with the most distinguished academic record

Connor Andrew Wescott

ALLEN J. BARDUHN AWARD

For a senior who combines academic excellence with a commitment to service in the chemical engineering profession

Hao Dai

CIVIL AND ENVIRONMENTAL ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in civil and environmental engineering

Fang Wang

OUTSTANDING ACHIEVEMENT AWARD IN ENVIRONMENTAL ENGINEERING

Endowed by I.A. Hotze, BEE '43, for a senior in environmental engineering with outstanding credentials, who has demonstrated leadership in extracurricular activities

Anna Cristina Feldman

K.L. LUI MEMORIAL AWARD

Awarded in memory of Kui Leung Lui for his inspiration to many through his belief in family values, lifelong learning and self-improvement, for a senior who has exemplified hard work, honesty, selflessness and generosity

Arielle Bramble

JOHN BURCH MCMORRAN '22 AWARD

For a civil engineering senior, based on academic performance and extracurricular activities

Anna Rose Arcaro

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CIVIL AND ENVIRONMENTAL ENGINEERING FACULTY AWARD

This award is presented annually to a senior who combines academic excellence with a commitment to service in the Department of civil and environmental engineering

Bradley Charles Frederick Eva Rose Kamman

DR. JAMES A. MANDEL PRIZE

For achievement in Civil and Environmental Engineering. In honor of Professor Emeritus James A. Mandel for a Senior active in the National Society of Black Engineers

Ravyn Smith

COMPUTER AND INFORMATION SCIENCE

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For three outstanding graduate students in Computer Science

Olivia Aiden Flynn Neil Malu Pranay Kumar Verma

OUTSTANDING ACHIEVEMENT AWARD IN COMPUTER AND INFORMATION SCIENCE

Endowed by I.A. Hotze, BEE '43, for a senior in computer and information science who has demonstrated excellence in coursework, project design and implementation, or research

Phuc Nguyen Nguyen

THE WARREN SEMON PRIZE

In honor of Dr. Warren Semon, first dean of the School of Computer and Information Science, for a senior who has established an exceptional scholastic record

Maya E. Ostoin

COMPUTER ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in computer engineering

Bo Zhu

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OUTSTANDING ACHIEVEMENT AWARD IN COMPUTER ENGINEERING

Endowed by I.A. Hotze, BEE '43, for the computer engineering senior with the most distinguished academic record

Shu Wang

IEEE COMPUTER ENGINEERING AWARD

For a computer engineering senior who has demonstrated excellence in service, leadership and scholarship

Malkiel Asher

CYBERSECURITY

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in cybersecurity

Keyi Li

ELECTRICAL ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in Electrical Engineering

Mingqi Liu Da Ren

OUTSTANDING ACHIEVEMENT AWARD IN ELECTRICAL ENGINEERING

Endowed by I.A. Hotze, BEE '43, for the electrical engineering senior with the most distinguished academic record

Jack Orlando Guida

IEEE ELECTRICAL ENGINEERING AWARD

For an electrical engineering senior who has demonstrated excellence in service, leadership and scholarship

Matthew R. Gelinas

ENGINEERING MANAGEMENT

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in engineering management

Harika Bandaru

MECHANICAL ENGINEERING

OUTSTANDING ACHIEVEMENT AWARD IN GRADUATE STUDY

For an outstanding graduate student in mechanical and aerospace engineering

James Pieri

JAY WYNER AWARD FOR EXCELLENCE IN MECHANICAL ENGINEERING

Established for Jay S. Wyner, who studied engineering at Syracuse University through the G.I. Bill, for a senior who has demonstrated exceptional academic excellence

Elizabeth Marcy Kretzing

OUTSTANDING ACHIEVEMENT AWARD IN MECHANICAL ENGINEERING

Endowed by I.A. Hotze, BEE '43, for a mechanical engineering senior who has demonstrated a high level of excellence throughout his/her Syracuse University career

John Christopher Inzinga

BERNARD WOOD ACHIEVEMENT AWARD IN MECHANICAL ENGINEERING

In honor of Dr. Bernard Wood, scholar, teacher and gentleman, for a senior who has made the most significant creative achievement while maintaining a high level of academic performance

Daniel Jacob Kenney

Diversity, Inclusivity and Equity Pledge

A convocation tradition initiated by Emily Mahana and Charles Keppler, College Marshals, Class of 2018.

As an alum of Syracuse University, I pledge:

- To practice inclusivity, equality and respect with all.
- To embrace the differences and recognize the similarities of each person.
- To always listen with respect and patience, and engage in meaningful conversation.

As an alum of the College of Engineering and Computer Science, I pledge:

- To carry out the responsibilities of an engineer dutifully and ethically.
- To foster a culture within my field that values diversity, inclusion and equity.
- To engage in thoughtful and effective engineering as a global citizen.

I will honor these commitments in all aspects of my life. I pledge to value everyone and make them feel included within our global community.

Distinguished Guest Speaker Bob Lord '85

Bob Lord is IBM's Senior Vice President, Worldwide Ecosystems and Blockchain. He is focused on transforming how IBM engages with clients and ensuring the success of IBM's ecosystems of partners and developers with our open hybrid cloud platform and AI software.

At the center of this work is a commitment to the open source community. Bob oversees IBM's leadership and participation in dozens of open source communities, contribution and donation of open source code, and overall industry advocacy. A prime example is Call for Code, which Bob launched in 2018 to give developers and problem solvers access to IBM tools and technologies as a means to solve global, societal challenges. Since launch, over 400,000 developers and problem solvers from over 179 nations built solutions for an immediate and lasting impact in society.

Prior to IBM, Bob served as President of AOL, leading the company through its evolution into a leading, global advertising platform. He also served as CEO of Razorfish, a pioneering digital transformation consultancy helping companies like Cisco, Condé Nast, Ford, Mercedes-Benz and Pfizer redefine their brands for the digital age.

Bob's experience and passion made him an active member of the TED community, board member for Aqua Finance, a Blackstone Company and former board member for Williams-Sonoma and Screen Vision Media. He is one of CRN's 50 Most Influential channel chiefs.

He began his career as an engineer, graduating from Syracuse University with a B.S. in Industrial Engineering and Operations Research, and holds an MBA from Harvard University.

Alma Mater

WHERE THE VALE OF ONONDAGA

MEETS THE EASTERN SKY

PROUDLY STANDS OUR ALMA MATER

ON HER HILLTOP HIGH.

FLAG WE LOVE! ORANGE! FLOAT FOR AYE,

OLD SYRACUSE, O'ER THEE.

LOYAL BE THY SONS AND DAUGHTERS

TO THY MEMORY.

- Junius W. Stevens, Class of 1895

