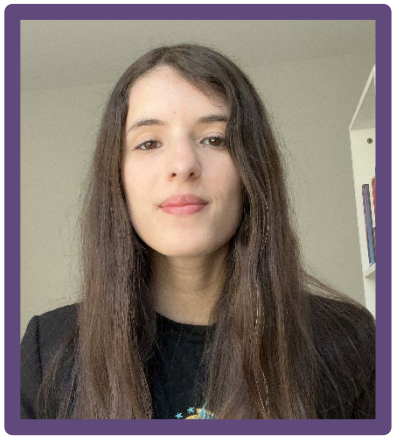
Montgomery College
Computer Science and Engineering Alumni Panelists
April 25, 2025

Sarah Bennett
Fire Protection Engineering
sbennett@fireriskalliance.com

Ms. Bennett is currently a fire protection consultant for Fire & Risk Alliance, LLC in Rockville, MD. She graduated from Montgomery College (MC) in May 2020. While at MC, Ms. Bennett was awarded an ACCESS II Scholarship. During her time at MC, she was president of the Women in Engineering, Science and Technology (WEST) club for two years, and secretary of IEEE for two years. After graduating from MC, she attended the A. James Clark School of Engineering at the University of Maryland (UMD), majoring in fire protection engineering and graduated with her bachelor of science in May of 2022. At UMD, she received the Frederick Douglass Scholarship and the Clark Opportunity Transfer Scholarship.

At Fire and Risk Alliance, Ms. Bennett primarily designs fire detection and suppression systems with much of her work occurring in the utilities sector.



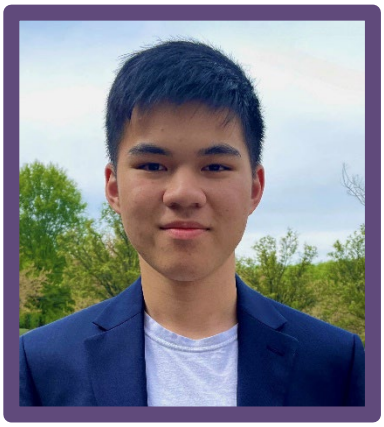
Rayssa Borges
Aerospace Engineering

Ms. Borges is an undergraduate student at the University of Maryland (UMD), College Park majoring in aerospace engineering with a minor in robotics and autonomous systems. She is planning to graduate in spring 2027. She graduated with honors from Montgomery College with an A.S. in Aerospace Engineering in fall 2024. While at Montgomery College, Ms. Borges was the vice president of the Women in Engineering, Science and Technology (WEST) club, an AUSEM scholar and a recipient of the Dr. Harry Harden Jr. Academic Excellence Award. Currently, she is a part of the UMD Satellite Development Program where the mission is to launch UMD's first CubeSat and establish a permanent UMD presence in orbit. This summer she will be an undergraduate researcher for the Center for Quantum Networks (CQN REU program).

Andre Chin
Cybersecurity
Acachin15@gmail.com

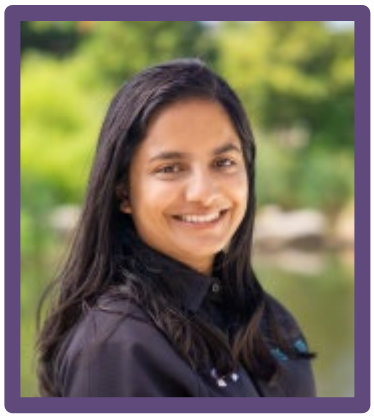
Mr. Chin is currently a Cybersecurity Engineer at Thermo Fisher Scientific Inc., a leading biotechnology company dedicated to serving science. The company's mission is to enable customers to make the world healthier, cleaner, and safer.

After receiving his associate of applied science in 2017, Mr. Chin interned for six months at the U.S. Food and Drug Administration (FDA) in the Cybersecurity Operations Division, ISS. In 2019, he joined Thermo Fisher Scientific Inc., beginning his cyber career as a Security Analyst in the Security Operations Center (SOC), where he developed proficiency with core SOC tools, technologies, and methodologies. He later transitioned to the Insider Threat & Digital Forensics Program, contributing to the strategic development of what is now known as the Critical Asset Protection Program. His primary focus was on the strategy and development of proactive detections and alerts using various security tools to mitigate potential insider threats. Mr. Chin subsequently advanced to the role of Patient Data Protection Lead. In this position, he strategizes and engineer's solutions to proactively prevent the exfiltration of critical intellectual property, including patient data, financial data, and company IP.



Steven Dang
Aerospace Engineering
Sdang5@terpmail.umd.edu

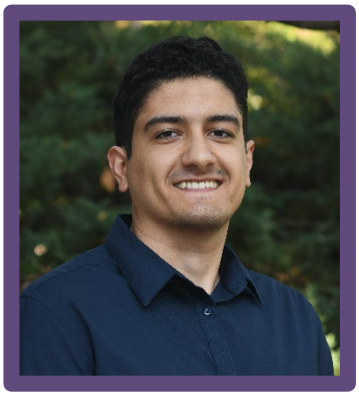
Mr. Dang is an undergraduate student completing his bachelor of science in aerospace engineering at the University of Maryland (UMD), College Park this spring semester. He began his journey at Montgomery College (MC) in Fall 2021 as a high school junior enrolled in the Early College Program, where he studied general engineering. Beyond his coursework at MC, Mr. Dang engaged in a diverse array of extracurricular activities at his high school, focusing on sports, STEM, leadership, and volunteering. After graduating from MC in May 2023, he pursued new opportunities at UMD that nurtured his interest in aerodynamics and experimental testing. He was selected as one of the 2024 Aerospace Engineering Research Opportunity Scholars (AEROS) at UMD, where he is finalizing his project on a calibration aircraft model for the Glenn L. Martin Wind Tunnel. Additionally, he serves as this year's Flight Test Lead for UMD's Design Build Fly (DBF) team, where he develops and tests remote-controlled competition aircraft for the annual DBF competition hosted by the American Institute of Aeronautics and Astronautics (AIAA). He plans to commence his master of aerospace engineering this Fall.



Anya Hossaini
Computer Science

Ms. Hossaini is a Full Stack Engineer with Lockhead Martin. She transferred from Montgomery College (MC) to the University of Maryland Baltimore County (UMBC) in 2018 where she majored in computer science. While at MC, she was the math club treasurer and a member of the computer science club. She earned her Data Analytics Certificate in 2017. She graduated from UMBC in 2021. While at UMBC, she was a cyber security scholar, a transfer network leader, a welcome woolie, a member of the HackUMBC club, and a member of the Center for Women and Technology (CWIT). She is currently an active member of the Society of Women Engineers.

In her position at Lockhead Martin, Ms. Hossaini is currently in a leadership development program which is a rotation program that allows her to switch her job every year. Her current rotation is working on a augmented reality project in Unity and c#.



Saman Marandi
Computer Engineering
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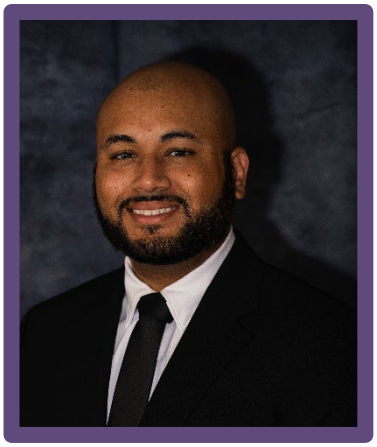
Mr. Marandi is currently a Ph.D. candidate in mechanical/reliability engineering at the University of Maryland, with an expected graduation in 2027. His research focuses on the application of artificial intelligence in reliability engineering, specifically in areas such as prognostics and health management, and risk assessment for safety-critical industries including nuclear power. He has presented his research at several conferences, including the Probabilistic Safety Assessment (PSA) conference. In addition to his doctoral studies, he serves as a part-time computer science faculty member in the Science, Engineering, and Technology Department at Montgomery College.

After earning his associate's degree of computer engineering from Montgomery College (MC) in June 2020, he transferred to the University of Maryland, where he completed a bachelor of science in computer engineering in December 2022. During his undergraduate studies, he conducted research on condition-based maintenance systems, analyzing anomalies to distinguish between security-related incidents and mechanical degradation using both supervised and unsupervised learning techniques. He was awarded the Clark Opportunity Transfer Scholarship in recognition of his academic achievements and research contributions. While at MC, he was named to the Dean's List and received the Dr. Harry Harden Student Academic Excellence Award for his outstanding performance.



Jimmy Rodriguez
Computer Science
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Mr. Rodriguez is a Program Manager at the United States Cyber Command (USCC), where he plays a vital role in the operations department supporting mission readiness. USCC's mission is to defend the Department of Defense Information Network, support combatant commanders in executing their global missions, and strengthen the nation's ability to withstand and respond to cyber-attacks. Mr. Rodriguez ensures that warfighters have the training, facilities, equipment, and vendor capabilities needed to accomplish their objectives. He manages and executes a portfolio of programs worth millions of dollars and works closely with business and operations partners to create detailed financial plans and influence investment decisions. His responsibilities include analyzing performance, identifying risks and opportunities, conducting portfolio analyses, and supporting financial planning processes. He also prepares reports and builds databases for senior management and board-level performance reviews.

Mr. Rodriguez received his associate's degree in computer science from Montgomery College in 2019, followed by a bachelor's degree in information systems in 2021 and a master's degree in 2024 from the University of Maryland Baltimore County (UMBC). He is also a proud alumnus of the Scholarship for Service (CyberCorps) program. While at MC, he was the president of the software development club; hosted workshops on Python, C++, Java and Scratch; and a Gaithersburg/Germantown Chamber of Commerce scholarship recipient. He won 1st place at the UMBC 2019 Hackathon and was a National Science Foundation Scholarship recipient.

Sukti Tiwari
Electrical Engineering
Suktitiwari7@gmail.com

Ms. Tiwari is a System Engineer Integration and Testing with Northrop Grumman. While at Montgomery College (MC), she majored in electrical engineering and graduated in fall 2021. After MC, she attended Howard University, majoring in electrical engineering. She graduated in Fall 2023. At Howard University, she led an award-winning capstone project focused on machine learning-based robotic sensing and obstacle-aware navigation.

Ms. Tiwari is an engineer with a strong interest in systems, space and robotics. She interned at Boeing where she worked on protected satellite communication systems – supporting FFPGA memory mapping, system design documentation, and hardware calibration. She also contributed to a 5G testbed project with Apple, helping develop aerial-terrestrial network configurations using Raspberry Pi. She is passionate about building innovative solutions that bridge hardware, software, and real-world applications.