

# Montgomery College Computer Science and Engineering Alumni Panelists April 10, 2026



## Jalalah Abdullah Computer Science

Ms. Abdullah is currently a Senior Cybersecurity Analyst at Children's National Hospital. She graduated from Montgomery College (MC) in spring 2017 with an associate's degree in computer science. While at MC, she was a member of the first-place NASA Swarmathon team, served as a Learning Assistant for Computer Science I (CMSC 203) and Calculus I (MATH181), and worked as a group tutor for computer science and mathematics. After completing her studies at MC, she transferred to the University of Maryland, where she earned her bachelor's degree in Computer Science with a specialization in cybersecurity. During her time

there, she received the Andrew Reisse Scholarship and placed second in the NASA Swarmathon virtual competition.

At Children's National Hospital, Ms. Abdullah develops executive-level dashboards, creates detection strategies, and leads the cybersecurity internship program.



## Daniel Dalgo Mechanical Engineering

Mr. Dalgo is a licensed Professional Engineer with extensive experience in energy systems and sustainability in the built environment. He currently serves as Director of the Energy and Engineering Program at LifeBridge Health in Baltimore, Maryland, where he leads the management and distribution of energy across more than 3 million square feet of facilities. In this capacity, he directs strategies to improve operational efficiency, strengthen system reliability, and advance innovative energy solutions that support patient care and organizational resilience.

Previously, Mr. Dalgo managed the energy program at Montgomery College, where he led institution-wide efforts to improve energy efficiency and sustainability across multiple campuses. In addition to his professional work, he also serves as a part-time faculty member at Montgomery College, where he is committed to preparing the next generation of engineers

Mr. Dalgo earned both his bachelor's degree (2015) and doctoral degree (2019) in mechanical engineering from the A. James Clark School of Engineering at the University of Maryland. A strong advocate for sustainable energy solutions, he is committed to driving innovation, advancing best practices in energy management, and shaping a more sustainable and resilient built environment.



## **Yevhenii Dementiev** **Computer Science**

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Mr. Dementiev is currently a Cybersecurity Infrastructure Engineer with Hughes Network Systems. He is concurrently completing his bachelor's degree at the University of Maryland Global Campus in computer science where he will graduate this spring. He also has certifications in CompTIA Security+, CompTIA Network+, and CompTIA A+. Mr. Dementiev graduated from Montgomery College (MC) in the spring of 2025 with his associate's degree in computer

science. While at MC, he participated in cybersecurity competitions, achieving second place at the Mid-Atlantic Collegiate Cyber Defense Competition (MACCDC), showcasing his skills in network security and analysis. He also competed as a member of the MC cybersecurity team at the National Cyber Symposium (SE3C) where the team placed third. He was on the Dean's List in 2023 and 2024 being recognized for academic excellence with a GPA of 3.5 or higher.

In his role at Hughes Network Systems, Mr. Dementiev focuses on securing enterprise infrastructure, working with technologies such as Fortinet Firewalls, Zero Trust Network Architecture (ZTNA) and cloud-based security solutions.



## **Lexie Huber, EIT** **Civil Engineering**

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Ms. Huber is a Traffic Analysis Engineer with DRMP in McLean, Virginia. She earned her Associate of Science in Civil Engineering from Montgomery College in 2023, where she was named to the Dean's List each semester, was part of the first-place team in the 2022 Robot Design Challenge, and placed second in the 2023 Engineering Design Challenge. She is currently pursuing a Bachelor of Engineering in Integrated Engineering at Minnesota State University, Mankato

and expects to graduate summa cum laude in spring 2026. During her studies, she was selected as a 2024 Maryland Department of Transportation Fellow and Maryland Public Service Scholar, has received multiple outstanding and exemplary project awards, received a Governor's Citation, and has been awarded two competitive engineering scholarships.

In her professional role at DRMP, she conducts traffic impact analyses, develops transportation simulations, and prepares technical studies for development projects across multiple states. She also serves as Chair of the Poolesville Planning Commission in Poolesville, Maryland, where she leads development review and planning discussions for the town.



**Raushan Oshan**  
**Computer Science**  
**raushanoshan@gmail.com**

Mr. Oshan is an undergraduate student at the University of Maryland (UMD) majoring in computer science with a minor in technology entrepreneurship. He graduated from Montgomery College (MC) in December 2024 with an associate's degree in computer science. While at Montgomery College, Mr. Oshan consistently made the Dean's List, was a member of the Phi Theta Kappa Honor Society, and was accepted into the Southern Management Leadership Program.

He placed 3<sup>rd</sup> at the Raptor Tank and co-founded RaptorHacks, MC's inaugural hackathon. At UMD, his start-up company, Forkcast, was named Best Sustainability Venture at the Dingman Center's Fall 2025 competition and was selected as a Pitch Dingman Finalist in spring 2026.

Mr. Oshan is currently working as the co-founder of Forkcast, a SaaS startup focused on cutting restaurant food waste and boosting profit margins. He is actively interviewing for software engineering internships for summer 2026.



**Herve Sandja**  
**Mechanical Engineering**  
**hcsandjatchamba@wmata.com**

Mr. Sandja is currently a Vehicle Systems Engineer at WMATA, the Washington Metropolitan Area Transit Authority, where he applies systems engineering principles to rail fleet systems. He began his engineering journey at Montgomery College (MC), earning an Associate of Science in Mechanical Engineering in spring 2021. While at MC, he was actively involved in Engineers Without Borders and

served as a math tutor in the Ackerman Learning Center. In spring 2023, he graduated from the University of the District of Columbia (UDC) with a degree in mechanical engineering. At UDC, he worked as a research assistant at the CAM-STAR NASA-funded research center and co-authored peer-reviewed publications, including one published in the ASME journal on phase-change materials for space-related applications. He is currently pursuing a master's degree in systems engineering at the University of Maryland, Baltimore County (UMBC).

Mr. Sandja holds the Associate Systems Engineering Professional (ASEP) certification and the Fundamentals of Engineering (FE) certification, preparing to pursue the Professional Engineer (PE) license. At WMATA, he focuses on systems design, verification and validation, and performance improvements for rail fleet systems.



**Laura Vargas**  
**Electrical Engineering**  
**Vargasandreap19@gmail.com**

Ms. Vargas is an undergraduate student at the A. James Clark School of Engineering at the University of Maryland (UMD) majoring in electrical engineering. She is planning to graduate in May 2026. She graduated from Montgomery College (MC) with an Associate of Science in Electrical Engineering in May 2024. While at MC, Ms. Vargas was on the Dean's List, a member of the Phi Theta Kappa Honor Society, a recipient of the L.D. Bliss Electrical Society

Scholarship, vice president for the robotics club, and a STEM Ambassador. She was a member of the first cohort of the NSF DREEM program, a partnership between the University of Maryland ECE Department, the College of Southern Maryland and Montgomery College, that provided students with undergraduate research and internship experience in the field of microelectronics and semiconductors. While at UMD, Ms. Vargas has received the CMSE Student Recognition Award and was on the Dean's List. Throughout her time at UMD, she has been part of a research project under Dr. Elisabeth Smela, which aims to utilize olfactory cells to develop an electronic nose. She is also currently researching ways of improving UV contact lithography on conductive fabrics.



**Tamila Urumbaeva**  
**Cybersecurity**

Ms. Urumbaeva is a cybersecurity professional with a strong academic background and multiple industry certifications. She earned her associate's degree in cybersecurity from Montgomery College, where she served as a STEM Ambassador, interned with IT Security Group, and actively participated in cyber events through the cyber club. She is also an engaged member of the Women in Cybersecurity community. Ms. Urumbaeva was awarded the prestigious Gross Regents Scholarship, which fully funded her studies at University of Maryland Global Campus, where she earned her bachelor's degree in cybersecurity technology.

She currently works in an IT Help Desk role at Kite Technology Group, supporting users and gaining hands-on experience in IT operations and security. She holds industry certifications, including CompTIA Security+, ISC2 Certified in Cybersecurity (CC), Microsoft Security, Compliance and Identity Fundamentals (SC-900), and GIAC Foundational Cybersecurity Technologies (GFACT).