Maksym Srama

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EDUCATION

University of Illinois Chicago (UIC) August 2023 - May 2025
Bachelor of Science in Mechanical Engineering GPA: 3.56/4.0

Moraine Valley Community College August 2021 - December 2023
Completed general coursework

SKILLS

Computer: Data Analytics, Machine Learning, Amazon Web Services, AutoCAD, Solidworks, Inventor Python, React - Javascript/HTML, MATLAB, Microsoft Office, VS Code, ANSYS
Technical: Materials Analytics, Lab Techniques, 3D printing, Cybersecurity, Construction, Electrical Wiring
Language: Native in English and Polish

INTERNSHIP/WORK EXPERIENCE

Department of Energy CCI Program Student Intern, Pacific Northwest National Laboratory, Richland, WA
Nuclear Cyber Security Engineering Intern *Full-time;* May 2023–July 2023

- Collaborated with a team of talented individuals within the Applied Decisions Systems and Analytics Team to identify and address user accessibility with coding
- Listed as co-author for C2M2-Nuclear user guide
- Presented overall progress and research project at Gold Experience Research Symposium in PowerPoint presentation

Riviera Pool Supervisor, Palos Hills, IL
Supervisor *Part-time;* May 2021–September 2022

- Oversaw daily operations, ensuring safety protocols, delivering exceptional customer service, and maintaining cleanliness

McDonald's Restaurant, Palos Hills, IL
Crew Member / Server *Full-time;* January 2020–August 2020

- Demonstrated exceptional customer service with strong teamwork and communication skills in a fast-paced environment

General Contractor, Illinois
Trade helper *Part-time;* 5+ Years

- Assisted in completing construction contracts, hands-on experience in woodworking, tiling, electrical work

PROJECT

Design of Conjunctival Microcirculation Imaging System - Senior Design August 2024–May 2025

- Optimized a spectral imaging camera to capture capillary blood flow in the eye. Integrated a monochrome CMOS sensor and a precision XYZ stage for stable, high-res imaging to detect early-stage blood clots

AFFILIATIONS

American Society of Mechanical Engineers (ASME), UIC, Chicago, IL
Member

- Attended weekly meetings to discuss upcoming events, networking opportunities and brainstorming event ideas; ASME Robotics team: worked on WALL-E robot project