First and Last Name

(123) 456-7890 ▪ netID@uic.edu ▪ LinkedIn URL

Education

University of Illinois Chicago (UIC) Expected: May 2027
Bachelor of Science in Electrical Engineering
Relevant Coursework: VSLI Design, Electromagnetic Compatibility, Control Systems

Skills

Application: MATLAB, Eagle Schematics and PCB, RT, SharePoint
Languages: Python, C, C++, Assembly ARMv7
Hardware: Soldering, Raspberry Pi, Micro:bit, Arduino, Breadboard wiring

Work Experience

Technology Solutions, UIC December 2025 - Present
Computer Operations Aide
- Troubleshoot technological problems for staff and faculty in the College of Architecture and Design and Art
- Provide Tier 1 level support to 250+ university devices (computers, printers, projectors, etc.)
- Update and maintain inventory of university devices and equipment
- Help train newly hired IT helpdesk works on company procedures and how to provide quality customer service

Internship Experience

PROCTER & GAMBLE, North Chicago, IL June 2025 - August 2025
Summer Electrical Engineering Intern (R&D)
- Designed, printed, soldered, tested a PCB with 50+ components
- Connected the designed PCB to a Raspberry Pi to analyze input
- Presented project to the engineering team, along with weekly meetings to learn and get feedback on design

Projects

Echo-Aid, Senior Design August 2026 - Present
- Work in a four-student team to prototype a device that enhances communication between healthcare workers and patients in hospital wards where noise levels are too loud due to heavy equipment
- Research different technologies, and submit weekly assignments based on analyzing research to faculty advisor
- Conduct surveys within the healthcare community to gauge design requirements
- Use EAGLE to create schematics and PCB designs for prototypes and develop Bill of Materials for design iterations
- Use MATLAB to design and test different types of filters best fit for noise cancellation

SpaceX Chicago Hyperloop Competition, Joint AIAA/IEEE at UIC Project September 2025 - February 2026
- Integrated navigation and distance sensors into the main brain of the pod for the SpaceX Hyperloop competition
- Worked specifically on getting the VectorNav navigation sensor to obtain distance from the accelerometer
- Attended weekly meetings with Electronics team to discuss progress/solutions; set goals in accordance with project schedule
- Collaborated on weekly meeting with the VectorNav subgroup to code, and test the sensor on a Jetson Nano computer

Leadership Positions

Institute of Electrical and Electronics Engineer (IEEE), UIC January 2026 - Present
Vice President
- Train new board members on their duties and responsibilities, and keep up with tasks for them
- Help submit registration, budget, and plans and strategize club direction for the virtual semester
- Help plan and edit weekly newsletter/social media advertisements for the club
- Recruit and present clubs' activities and message to incoming freshman and transfer students, and faculty

Tinkering Program (IEEE), UIC April 2026 - Present
Co-Leader
- Educate students on soldering, Micro:bit programming in C++, and Python at a beginner's level in hour long weekly workshops each semester

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