Giang Anh Vu

1931 Duffield St • Ann Arbor, MI 48109 • gvu@umich.edu • 240 756 1062
https://www.linkedin.com/in/giang-anh-d-vu/

Education

University of Michigan   Ann Arbor, MI
Bachelor of Science, Mechanical Engineering   May 2029
Relevant Coursework: EECS 314: Electrical Circuits, Systems, and Applications

Montgomery College   Rockville, MD
Associate of Science, General Engineering   May 2025

Experience

University of Michigan Magnetometer Laboratory   Ann Arbor, MI
Research Assistant   Aug 2025 – Present
- Experimenting and analyzing data from magnetometers to understand space weather
- Researching aluminum and Ultem materials for NASA spacecraft sensors and magnetometers.
- Assisting in setup and calibration of Helmholtz Coil apparatus for space weather experiments.

Mathnasium   Clarksville, MD
Math Instructor   May 2024 – June 2025
- Prepared high school students for SAT/ACT Math.
- Developed personalized learning plans based on student assessments.
- Tutored K-12 students in mathematics, improving problem solving skills and analytical thinking.

Montgomery College Student Government Association   Rockville, MD
Treasurer   Dec 2023 – June 2024
- Spearheaded fundraising for the annual Talent Show, raising 10,000+ dollars for winners.
- Managed a 40,000 dollar budget, overseeing financial allocations for over 40 student organizations.
- Led meetings 2x/week and approved allocated 28,000+ dollars in resources to improve student engagement.

Leadership & Activities

Phi Theta Kappa College Honor Society   Rockville, MD
Montgomery College Vice President   Aug 2024 – June 2025
- Represented chapter at regional meetings and built collaborations with other student .
- Coordinated events to engage 400+ honor society members by advertising and leading educational.

Projects

AWS Powered Autonomous Robot Car | *Python, AWS, Creo Parametric*   February 2023 – June 2023
- Developed an autonomous car on a team of four.
- Designed outer shell using Creo Parametric to withstand collisions and reduce drag.
- Programmed reward functions in Python using AWS DeepRacer to improve track completion rates.

Skills & Interests

Technical: Python, Mathlab, C++, C
Laboratory: Circuit Design & Analysis, Oscilloscope, Wilson Center Machining, Analog Discovery 2
Language: English (Fluent), Vietnamese (Fluent), Spanish (Conversational)