



AUSTYN NGUYEN

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EDUCATION

University of Michigan – Ann Arbor

Ann Arbor, MI

B.S.E. in Computer Science, B.S. in Economics; Minor in Entrepreneurship; GPA: 3.41/4.00

Apr. 2028

- Coursework: Data Structures/Algorithms, Computer Organization, Digital Logic Design, Probability & Statistics
- Study Abroad: Yonsei University, Seoul, South Korea

Howard Community College

Columbia, MD

A.A. in Computer Science, A.A. in General Studies (STEM); GPA: 4.00/4.00

May 2024

- Honors: Phi Theta Kappa, Frederick K. Schoenbrodt Scholar, Summa Cum Laude

SKILLS & TECHNICAL TOOLS

Languages: Python, Java, C, C++, Assembly, Verilog, SQL, MATLAB, JavaScript, HTML/CSS

Technologies: Git, Power BI, PowerApps, Power Automate, Azure, Fabric, DevOps, SharePoint, Excel, Pandas, Numpy, Matplotlib, Jupyter, Linux, MacOS, Windows

EXPERIENCE

The Chemours Company

Wilmington, DE

Data Analyst Intern

May 2025 – Present

- Designed and deployed interactive dashboards in Power BI and SQL to surface trends in S&P Global trade data, directly supporting strategic decision-making across supply chain and commercial teams.
- Collaborated cross-functionally with business leaders to align KPIs with trade strategy, applying data modeling and DAX to drive actionable insights that informed key planning processes.
- Spearheaded integration of Git with Power BI and DevOps workflows; led training sessions that institutionalized analytics' best practices across business and IT units.

Michigan Medicine: Watson Lab

Ann Arbor, MI

Data Engineer

Jan. 2025 – May 2025

- Translated complex neural signal processing tasks into streamlined, reusable shell and MATLAB scripts—empowering PhD researchers to handle large-scale data without deep coding knowledge.
- Leveraged the open-source Spike2 API to organize 60-channel, 48-hour recordings (2TB+ of electrophysiological data) into structured, reproducible formats—streamlining team workflows and enabling scalable downstream analysis and visualization across neuroscience collaborators.

National Institute of Standards and Technology (NIST)

Gaithersburg, MD

Software Engineering Intern

May 2024 – Aug. 2024

- Designed and implemented an automated result submission framework using GitHub Actions, streamlining processing of 8+ benchmark results and automating validation with 100% accuracy to reduce manual effort and accelerate workflows.
- Deployed Git LFS to efficiently manage and store a 512+ GB dataset supporting 200+ phase field simulations, ensuring reliable data accessibility for research teams.
- Presented technical workflows and automation solutions to interdisciplinary research symposium, effectively communicating complex processes to diverse scientific audiences.

ACTIVITIES & LEADERSHIP

Zeta Pi Technical Fraternity

Ann Arbor, MI

Member at Large

Jan. 2025 – Present

- Conducted candidate interviews and membership deliberations to ensure a fair, thorough recruitment process.
- Led resume workshops to support members' professional development, improving their career readiness skills.

Michigan Pops Orchestra

Ann Arbor, MI

Assistant Principal Violist

Jan. 2025 – Present

- Led viola sectionals to improve technique, rhythm, and musical cohesion.
- Engaged with Principal Violist and conductor to ensure section unity and dynamic balance across performances.

UM Autonomous Robotic Vehicles (UMARV)

Ann Arbor, MI

Business Analyst

Sep. 2024 – Dec. 2024

- Managed digital marketing across Instagram, LinkedIn, and X to boost engagement and visibility
- Coordinated sponsor outreach and events to support club initiatives and member opportunities