



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: **Computer Science**–Data Structures & Algorithms, Computer Organization, Digital Logic Design, Probability & Statistics; **Economics**–Microeconomics Principles, Macroeconomics Principles

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

EXPERIENCE

The Chemours Company

Wilmington, DE

Data Analyst Intern

May 2025 – Present

- 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.
- 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.

Michigan Medicine: Watson Lab

Ann Arbor, MI

Data Engineer

Jan. 2025 – May 2025

- Simplified complex neuroscience data workflows into reusable MATLAB and shell scripts, enabling non-technical stakeholders to process large-scale neural signals efficiently and independently.
- Standardized and structured 2TB+ of multi-channel neural recordings using Spike2 API, improving team efficiency and enabling scalable analysis pipelines across research teams.

National Institute of Standards and Technology (NIST)

Gaithersburg, MD

Software Engineering Intern

May 2024 – Aug. 2024

- Built an automated GitHub Actions framework that eliminated manual result validation and reduced turnaround time for benchmark processing—enhancing accuracy and accelerating team workflows.
- Implemented large-scale data management solution using Git LFS, improving accessibility and reliability of 500+ GB simulation datasets for research and cross-functional use.
- Delivered automation strategy presentations to cross-disciplinary audiences, distilling technical workflows into actionable insights for diverse stakeholders.

ACTIVITIES & LEADERSHIP

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.

Zeta Pi Technical Fraternity

Ann Arbor, MI

Recruitment/Membership and Professional Development Member

Sep. 2024 – 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.

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

TECHNICAL & ANALYTICAL SKILLS

Programming: Python, Java, C++, SQL, MATLAB, JavaScript, HTML/CSS

Data & BI Tools: Power BI, Tableau, Data Studio, SAP BusinessObjects, Alteryx, Excel

Workflow & DevOps: Git, Azure, Microsoft Fabric, PowerApps, Power Automate, SharePoint, Jupyter, Linux, MacOS, Windows