AUSTYN NGUYEN

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EDUCATION

University of Michigan – Ann Arbor
Ann Arbor, MI
*BSE in Computer Science, BS in Economics; **GPA: 3.41/4.00***
Apr. 2028
Minors in Entrepreneurship & Electrical Engineering

- Notable Coursework: Data Structures & Algorithms, Computer Organization, Digital Logic Design, Probability & Statistics, Web Systems*, Machine Learning*, Accounting Principles*

Howard Community College
Columbia, MD
*AA in Computer Science, AA 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 – Aug. 2025

- Developed interactive Power BI dashboards and reports leveraging SQL and DAX to visualize global S&P import/export data, enabling real-time insights that informed strategic supply chain and commercial decisions.
- Partnered with reliability engineers, analysts, and stakeholders to design data-filtering solutions and custom DAX formulas estimating equipment MTBF, improving operational reporting accuracy and decision efficiency.
- Led research and rollout of Power BI–Git integration within DevOps, authored internal documentation, and facilitated training programs to embed version control best practices across analytics and IT teams.
- Conducted user acceptance testing and iterative refinements, reducing dashboard size by 25% and enhancing usability and performance for cross-functional end users.

National Institute of Standards and Technology (NIST)
Gaithersburg, MD
Software Engineering Intern
May 2024 – Aug. 2024

- Collaborated with the creators of the open-source RO-Crate Python library to clarify syntax, identify documentation gaps, and co-develop a standardized methodology for future users—improving adaptability within the research community.
- Streamlined benchmark processing with GitHub Actions framework, eliminating manual result validation and reducing turnaround time—accelerating team workflows.
- Designed and implemented a scalable data management solution using Git LFS to enable accessible, reliable handling of 500+ GB of simulation data—enhancing cross-functional research collaboration and future reproducibility.
- Delivered stakeholder-facing presentations on automation strategies, translating complex technical workflows into actionable insights for interdisciplinary teams and informing future implementation roadmaps.

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 & Tools: Python, Java, C++, SQL, MATLAB, JavaScript, HTML/CSS, Git, Azure, Jupyter, Linux, MacOS, Windows

Data & BI Platforms: Power BI, Tableau, Data Studio, SAP BusinessObjects, Alteryx, Excel, Microsoft Fabric, PowerApps, Power Automate, SharePoint