Minh Nguyen

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EDUCATION

Bowling Green State University (BGSU) *Bowling Green, Ohio*
Bachelor of Science in Computer Science **Expected Graduation: May 2026**
- Computational Data Science specialization, Statistics minor
- Relevant Coursework: Operating Systems, Data Structures, Design and Analysis of Algorithms, Database Management Systems, Machine Learning, Probability and Statistics, Network Architecture and Applications, Parallel Programming

WORK EXPERIENCE

Software Lead, *BGSU Association for Computing Machinery, Bowling Green, Ohio* **June 2024 – Current**
- Plan and execute ACM events, collaborating with Linux Club, CTF Club, and Women in ACM to host tech workshops, speaker sessions, and networking events for **100+ students**
- Lead the organization of the BGSU Hackathon, managing logistics, securing up to **$2000 sponsorship** from the Computer Science department, and designing competition tracks for **50+ participants** in a public, university-wide event
- Host **10+ office hours** per semester, providing guidance to **30+ attendees**, addressing technical questions, career advice, and ACM initiatives

Classroom Technology Support, *BGSU Information Technology Services, Bowling Green, Ohio* **May 2024 – Current**
- Partner with **8 AV technicians** to deliver rapid response troubleshooting, reducing classroom technology downtime by **30%** and supporting **50+ classrooms** across campus
- Perform system-level diagnostics and updates in a mixed **Windows/macOS environment**, ensuring operational reliability for **100+ devices** used by faculty and students across **10+ departments**
- Collaborate with **4 system administrators** to standardize software images, automate deployment procedures, and **implement DevOps practices** including **CI/CD pipelines** to ensure consistent, reliable software rollouts and real-time remote support

Supplemental Instruction Leader, *BGSU Learning Commons, Bowling Green, Ohio* **August 2023 – May 2024**
- Led **3 weekly SI sessions**, reinforcing key pre-calculus concepts and study strategies, contributing to an **8% increase in course pass rates**
- Collaborated with instructors to align session content with the curriculum, identifying and addressing student learning gaps while maintaining **95% session attendance**
- Developed interactive problem-solving activities, transforming complex mathematical concepts into engaging peer-learning experiences to improve comprehension and retention, reaching **30+ students** per semester

NLP Researcher Intern, *Ton Duc Thang University, Ho Chi Minh, Vietnam* **May 2023 – July 2023**
- Optimized **NLP models** by integrating computational intelligence techniques, improving model accuracy and efficiency for legal text processing
- Developed a machine learning model with the **NLP Lab Team**, leveraging **Python libraries and APIs** to assist users in answering **500+ queries** related to the Criminal Code of Vietnam
- Applied **AI, Data Science, and NLP techniques** to enhance **Large Language Models**, refining their ability to interpret complex legal documents with increased accuracy

PROJECTS

HocusFocus, *HackDearborn3 | JavaScript, React-Native, Python Flask, Crew AI, Android Studio* **October 2024**
- Won **1st place out of 68 projects** in Best Beginner Hack by developing an AI-powered reading assistant
- Collaborated with 3 members to develop a reading rewards app with **React Native** frontend and **Flask** backend, integrated with **Crew AI** for behavioral simulation, achieving a **60%** reduction in average social media usage time among testers

MoneyMasters, *HackDearborn2 | JavaScript, React, NodeJS, ExpressJS, HTML, GCP* **October 2023**
- Won **1st place out of 48 projects** in the Financial Inclusion Track by creating a web app for financial literacy
- Collaborated with 3 members to build a financial literacy web app using **React**, **Node.js**, and **Express.js**, supporting interactive learning with quiz-based reinforcement, covering key financial topics including credit, savings, and investing

TECHNICAL SKILLS

Language: C++, Python, JavaScript, TypeScript, R, SQL, HTML/CSS, AWS, Microsoft Azure, OpenAI, PostgreSQL, JSON, Agile
Frameworks & Libraries: React, Node.js, Express.js, Vue.js, REST API, NumPy, Pandas, Flask, LangChain, MongoDB, .NET
Developer Tools: GitHub, VS Code, PyCharm, MySQL Workbench, Postman, Linux, Terraform, Jenkins, Docker, Kubernetes, Jira