

Nam Cao

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Objective

To obtain a software engineering or AI/ML-focused internship to develop skills and grow a professional network.

Education

University of Houston, Houston, TX

Bachelor of Science in Computer Science, Math Minor

Fall 2025

GPA: 3.9/4.0

Related Coursework / Academic Projects

Data Structures & Algorithms, Software Development, Database Systems, Software Engineering, Computer Vision, Parallel Programming (CUDA), Probability & Statistics

Ship It! Shipping Platform (Team Leader)

Sep 2024 – Oct 2024

JavaScript, ReactJS, TypeScript, SQL, AWS, Azure

- Developed a responsive full-stack shipping platform with role-based access control and dynamic route handling.
- Engineered backend logic and relational database design to support real-time package tracking and multi-role authentication.
- Oversaw software planning and led agile development sprints in a team of four.

Delta City: Workflow-Based Approval System (Full-Stack Developer)

Spring 2025

Python, Django, PostgreSQL, HTML/CSS, Docker, Microsoft Entra ID (OAuth2)

- Built a Dockerized academic approval system with dynamic form-based workflows and real-time notification handling for university-level use.
- Integrated Microsoft Cougar ID authentication via MSAL (OAuth2), enforcing delegated access and organizational-level permissions.
- Collaborated with front-end, QA, and database teams to deploy scalable features and support end-user testing cycles.

Employment History

Barista Trainer, Starbucks – Houston, TX

Dec 2019 – Present

- Led training programs, standardized materials, and mentored new hires while balancing 25+ work hours with full-time studies.
- Improved customer service efficiency, managed inventory, and maintained workspace organization.
- Ensured adherence to company standards and optimized order flow for smooth operations.

Activities

Community Outreach Volunteer – Vietnam

Summer 2023, Summer 2024

- Supported orphans, seniors, and individuals with disabilities through education, social programs.
- Raised funds for orphanage improvements in collaboration with local organizations.
- Distributed essential supplies, food, and academic materials to underserved communities.

Skills

Programming Languages: Python, C++, SQL, JavaScript, TypeScript, HTML/CSS, YAML, LaTeX

Technologies: Django, Flask, React, PostgreSQL, MySQL, Docker, AWS, .NET, Git, Bash, MSAL, OAuth2, REST APIs

Languages: Vietnamese (Native), English (Fluent), Spanish (Basic)