

Minh Nguyen

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EDUCATION

Texas A&M University, College Station, Texas **Dec 2026**
Bachelor of Science in Computer Science, Minor in Business, Dean's Honor Roll Spring 2025 GPA: 3.81

EXPERIENCE

IT Internal Audit Intern | [Panasonic Corporation of North America](#), Remote **May 2025 – Jan 2026**

- Implemented an automation pipeline to classify and extract invoices from thousand-page PDF files containing mixed documents using Azure AI Document Intelligence, Azure Logic Apps, Azure Functions, and Power BI.
- Identified approximately over \$380,000 in duplicate invoice payments and saved over 95% in annual costs.
- Designed a multi-agent system using Microsoft Copilot Studio, Power Automate, Microsoft Fabric, Office Scripts, and Azure AI Document Intelligence to automate control testing for JSOX compliance, reducing manual audit testing time by 97%.

HPC Consultant / Software Developer | [High Performance Research Computing](#), College Station, TX **Mar 2024 – Present**

- Resolved over 330 support tickets by providing user consultation in Linux environment and custom software installations for researchers.
- Identified and resolved key inefficiencies in the existing scheduling system by optimizing conditional formatting application, reducing script execution time by 95%.
- Designed and built a chatbot using Pryon AI, delivering real-time feedback to users and enhancing the overall user experience.
- Interviewed and mentored new technicians and streamlined the onboarding process by revising checklists, improving team efficiency.

COMPETITION

Student Cluster Competition (SC24) Participant | Texas A&M University Representative | [SC Conference](#), Atlanta, GA **Nov 2024**

- Assembled and refined an HPC cluster with 4 Dell PowerEdge R7625 servers, each with Dual AMD 9534, 2.5GHz, 64C/128T processors and 2 AMD Instinct MI210 64GB GPU.
- Administered the HPC cluster using Rocky Linux 8.10, Slurm, Easybuild, and Spack for job scheduling and software management.
- Optimized ICON weather model performance and executed NAS Benchmarks on the HPC cluster under a strict 4500W power limit.

PROJECTS

Personalized Airport Navigation App | Frontend Developer | *TypeScript, JavaScript, React Native, Expo Go* **Jan 2025**

- Developed a mobile app using React Native, offering personalized location recommendations based on traveler profiles and flight details.
- Integrated Google Maps API and OpenAI to dynamically map user-specific routes within airports and enhance navigation efficiency.
- Designed a responsive, accessible UI with parallax transitions, embedded interactive maps via react-native-webview.

Point-of-sale (POS) System for Panda Express | Full-stack Developer | *JavaScript, React, Node.js, Express.js* **Sep 2024 - Nov 2024**

- Led the frontend team in creating a POS system for an on-campus restaurant using Agile methodologies.
- Utilized JavaScript for a web application, PostgreSQL for backend application storing inventory and transaction, and Express from Node.js to construct a RESTful API.
- Successfully integrated Weather API and Google Translate API to enhance user accessibility.

Pinoy & Thai Asian Cuisine Website | Frontend Developer | *JavaScript, React, Express.js, Notion API* **Mar 2024**

- Won **3rd Prize** among 90 participants at the Build4Good Hackathon for **Best Use of Notion API**.
- Implemented Notion API to store and manage restaurant's menu items to a Notion database.
- Developed a list of all menu items for the admin page using Material UI, with the functionalities of adding or deleting a menu item from the table and balanced the needs of platform administrators and users to create a cohesive user experience.

TAMU Bus Navigation Chatbot | Frontend Developer | *HTML, Django, CSS, JavaScript, Python* **Sept 2023**

- Built a user-friendly and integrated navigation system for the TAMU bus system.
- Obtained bus information by web scraping and implementing APIs.
- Implemented OpenAI API to create a chatbot that suggests bus routes for users based on their departure and arrival location.

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, TypeScript, HTML, CSS, Bash, Haskell, Markdown, SQL, Microsoft Office Scripts
Tools: Git, VS Code, IntelliJ, Jupyter Notebook, MobaXterm, Docker, Charliecloud, Jira, Figma, Google Cloud Platform, Postman, Expo Go, Microsoft Azure, Azure AI Services, Microsoft Foundry, Power Automate, Microsoft Copilot Studio, Microsoft Fabric
Libraries + Frameworks: React, React Native, Vite, Node.js, Express.js, Flask, NumPy, Matplotlib, Pandas, Turtle