

HUY HOANG

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EDUCATION

Texas A&M University, College Station, Texas

- Bachelor of Science in Computer Science - GPA: 3.7/4.0
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EXPERIENCES

Texas A&M High Performance Research Computing, College Station, Texas

Jun 2026 - Present

Student Technician

- Provide technical support for high-performance computing clusters, assisting researchers, faculty, and students with account management, job scheduling (Slurm), and Linux environment configuration.
- Diagnose and resolve help ticket inquiries regarding server access, software module installation, network connectivity, and batch script optimization.
- Build, configure, and maintain PyTorch Lightning environment with integrated Tensorboard to support the development of Drona Workflow Engine and optimize cluster workloads for researchers.

FPT Software, Ho Chi Minh City, Vietnam

Jun 2025 - Aug 2025

Intern Developer

- With a team of 8, built a full-stack website and server for booking cinema tickets, worked on ticket check-in system using QR code, managing dashboard for admins, and account page UI.
 - Developed a scalable customer reward system, created APIs for real-time point management and administrative control. This system significantly improved customer engagement and loyalty.
 - Quality assurance by writing NUnit tests for .NET Framework backend.
 - Leveraged AI-powered coding tools (Gemini, ChatGPT). Used .NET, React, Tailwind, Typescript, HTML, MongoDB, Docker, SonarQube
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PROJECTS

AI Stock Price Predictor

Jan 2025 - March 2025

Developer

- Implemented script to call stock website API, supported fetching and processing real-time stock data.
 - Integrated a custom-trained Llama AI model into a website to provide dynamic content and user interactions, enabling faster user decision-making.
 - Used JavaScript, React, CSS, HTML, Python, Llama 3.2
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LEADERSHIP

Corps of Cadets, Texas A&M University

Aug 2024 - Present

Four-year ROTC-based organization that trains leaders through discipline, teamwork, and character development with daily routines similar to active-duty military units.

- Organize logistics for over 70 cadets, managing group events, team planning, and inventory
 - Lead career readiness, mentorship, and professional growth programs tailored for unit members.
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HONORS

- The College of Engineering at Texas A&M University - Dean's Honor Roll
- Consolation prize in Ho Chi Minh City Youth Informatics Competition

2025 & 2026

2022

SKILLS

Languages: C#, C++, Python, Javascript, HTML, CSS, TypeScript

Frameworks: .NET, React, Tailwind, Pytorch Lightning

Tools: Git, Unity, Docker, SonarQube, PostgreSQL, Auth0, MongoDB, TensorBoard, Slurm