HIEU THAN

📞 602-214-1715 ✉ hieuthan1703@gmail.com 💼 linkedin.com/in/hieu-trong-than 🌐 thehieusss.com

Education

Arizona State University **3.93 GPA**
Bachelor of Science, Major in Computer Science (Software Engineering) *Expected May 2027*
- New American University - Kaplan International Scholarship
- Dean's List (2023 - Present)

Work Experience

Fullstack Software Engineering Intern **Jan 2025 – May 2025**
MoveCars.com | Rails 8, Ruby, PostgreSQL, GraphQL, RSpec, Hotwire, AWS *Chandler, AZ*
- Optimized **PostgreSQL** queries and added **database indexing**, reducing query response times and enhancing user experience by 40% for a high-traffic automotive logistics platform.
- Developed and integrated backend features in a **Ruby on Rails** app serving 15,000+ customers, leveraging Active Record, Eager Loading, Hotwire, and automated Rake tasks.
- Increased **RSpec** test coverage by 15% and integrated improvements into **CI/CD pipelines**, strengthening application resiliency and reliability in an **Agile SCRUM** environment.
- Redesign the legacy site using **HUGO** and **Tailwind CSS**, improving mobile responsiveness, performance, and UI consistency.

Software Engineer Intern **Jun 2024 – Aug 2024**
Vietnam Airlines | ASP.NET MVC, ASP.NET Core, Razor Pages, MySQL, Redis, Microsoft Azure *Ho Chi Minh City, Vietnam*
- Collaborated with a 10-person team to enhance and maintain a personnel management system for 18,000+ employees.
- Optimized **MySQL** queries and stored procedures, reducing payroll data retrieval time by 35% and improving system efficiency.
- Partnered with **DevOps** to modernize legacy infrastructure, enabling **cloud-readiness** and scalability with **Microsoft Azure**.

Software Engineer Intern **Jun 2024 – Aug 2024**
Vietnam Export Import Commercial Joint Stock Bank | Node.js, Express.js, REST API, Agile *Ho Chi Minh City, Vietnam*
- Collaborated within a cross-functional team of **30+ engineers**, product owners, and QA specialists to develop a real-time transaction-driven rewards engine for Eximbank's digital banking platform, increasing user engagement by 25%..
- Engineered backend **API** orchestration and non-blocking middleware using **RESTful architecture**, reducing transaction response latency by 30% and supporting thousands of concurrent redemption requests.
- Contributed to the agile delivery of scalable **fintech microservices**, enabling secure, event-driven processing of user activity and modernizing Eximbank's legacy infrastructure for future digital payment and loyalty systems.

Projects

Deadline AI @ ASU University College PI Hackathon 2024 | *React Native, Tailwind CSS, Python*
- Collaborated with a team of four to design an **AI-driven** personal scheduler using the **OpenAI API** and **Python**, increasing productivity by **20%** through task prioritization.
- Integrated a real-time study-group matching feature in **React Native** with **WebSocket** notifications, encouraging collaboration and increasing engagement.
- Implemented a responsive, minimalist UI with **Tailwind CSS**, ensuring cross-device compatibility and accessibility.

Arizona Tree AI @ ASU SunHacks 2024 | *Vite, TypeScript, Python, FastAPI, React Azure Maps*
- Led a team of five to develop a **TypeScript-based web app** with a **FastAPI backend**, delivering tree-planting recommendations with **25% improved accuracy**.
- Integrated an interactive map powered by **React Azure Maps**, allowing users to explore real-time tree density, heat levels, and additional environmental data across any given areas

Google Flight Booking System | *MERN Stack (MongoDB, Express.js, React.js, Node.js), Material UI, FlightAPI.io*
- Simulated a dynamic flight booking system using the **MERN stack**, enabling real-time searches and bookings through integration with **FlightAPI.io**.
- Combined a responsive front-end with **React.js** and a secure backend using **Express.js** and **Node.js**, ensuring smooth user interactions and secure storage of booking data in **MongoDB**.

Leadership

Chief Executive Officer **April 2024 – Present**
Vietnamese Students Union at ASU (VinaSU) *Tempe, AZ*
- **Led a team of 20** to organize **10+ cultural and career development workshops**, engaging **900+ students** and fostering professional networking within the Vietnamese student community.
- Designed and implemented a mentorship program focused on career development, helping international students navigate career paths, prepare resumes, and gain internships.
- Established partnerships with guest speakers from **Amazon, Carvana, Perplexity, Simplify** and alumni to create an ongoing mentorship pipeline, ensuring continuous career support for international students.

Technical Skills

Languages: Java, JavaScript, C, C++, C#, TypeScript , SQL, Ruby, Python
Frameworks/Libraries: Expo, React, React Native, Tailwind CSS, ASP.NET, Node.js, RestAPI, FastAPI, Vite, MERN, Rails, AWS, Data Visualization, Data Modeling, Data Cleaning and Filtering, NumPY, Panda, Tableu, Power BI, Langchain, Langraph
Database: MongoDB, MySQL, PostgreSQL, SQLite, GraphQL
Tools: GitHub, Git, VS Code, WordPress, Visual Studio, Figma, Microsoft Office, Google Suite, Postman, Microsoft Azure, Asana