

Ngo Nguyen Tien Hung

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Education

University of Nevada, Reno

Bachelor of Computer Science and Engineering

Expected Graduation: May 2028

Overall GPA: 3.92

Professional Experience

[Address Income](#) — Software Engineering Intern

January 2026 – May 2026

- Designed and implemented an automated alert platform using **PostgreSQL**, **Golang (GIN)**, **AWS Lambda**, and the **Resend API** to deliver scheduled notifications and event tracking, supporting live production workflows and improving user engagement.
- Developed reusable **React TypeScript** UI components and redesigned the company onboarding flow, delivering a production experience used by **all users** while streamlining edge-case handling and enabling adoption across multiple product pages
- Engineered and deployed a production rent prediction model using **PyTorch** and **Scikit-Learn** through **AWS SAM**, achieving a **\$118 MAE** and powering real-time property value estimates alongside an external rental pricing API.

Projects

Ryftborn — Multiplayer PvP Game Server

Spring 2026 – Present

*Custom multiplayer game server deployed on VPS (**Hetzner**) with automated Git-based deployment workflows*

- Engineered modular server-side systems** for champion abilities, ranked matchmaking, player progression, and multiplayer state management using custom **Java** plugins
- Built and maintained **VPS** infrastructure with **GitHub-based CI/CD** pipelines for automated deployment, live testing, and rapid iteration
- Designed player onboarding, progression, and event-driven feedback systems through iterative testing to improve usability and encourage continued engagement.

[WorkTemply — AI Writing Content Generations](#)

Fall 2025 – January 2026

*Full-stack SaaS platform built with **Next.js** (frontend + backend), **MongoDB**, and deployed on Vercel*

- Engineered a production-ready SaaS platform with **Next.js**, **TypeScript**, **MongoDB**, and **NextAuth**, implementing user authentication, subscription management, and secure user workflows.
- Integrated **Paddle payment infrastructure** and **Resend email services**, building automated billing flows, transactional emails, and customer communication systems.
- Developed 30+ AI-powered content generation workflows and optimized SEO-driven landing pages with reusable components to improve scalability and discoverability.

Technical Skills

- Programming languages: *C++, Python, TypeScript, JavaScript, Java, SQL, C, HTML/CSS*
- Frameworks & Database: *React, Next.js, Node.js, GIN (Go), MongoDB, PostgreSQL, AWS, Git/GitHub*
- AI/ML: *PyTorch, Scikit-Learn, NumPy, Pandas*
- Others: *Unity (2D/3D), Linux, CI/CD, Cursor, Copilot*