

# Hoang Nguyen

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## Education

**California State University, Fullerton**, Bachelor of Science in Computer Science Sept 2020 – May 2025

- GPA: 3.5/4.0
- **Coursework:** Algorithm, Full-Stack and Mobile development, AI, Introduction Cybersecurity and Networking.

## Technical

**Languages:** C/C++, Java, Python, Swift, C#, SQL, JavaScript, Typescript, Svelte, HTML/CSS, SCSS, Tailwind.

**Technologies:** .NET, SQL, XCode, Docker, EC2, Git, Firebase, FastAPI NextJS, Prisma, Cloudflare, Langchain.

## Experience

**iOS Developer Intern**, Yesvite – Remote May 2025 - Aug 2025

- Collaborate with a team to develop an iOS application that helps users create electronic invitations for events.
- Implement with Swift and UIKit to create seamless and beautiful design, and maintain optimized UX.
- Contribute PHP implementation to maintain the stability of Server API communication up to 99% uptime.

**Software Developer**, FullyHack Hackathon – Fullerton, CA April 2024 – May 2024

- Led a 3-person team in developing Algo Locker, 'A web application that enables students to store and organize their LeetCode Solution while providing quick reference access for technical preparation.
- Designed and implemented an intelligent recommendation system that analyzes users' solved problems and suggests targeted practice questions.
- Designed and implemented API that connects with Firebase database for fast lookup and maintains 99% uptime.

**IT Specialist**, School Of Risk Management and Insurance – Fullerton, CA Jan 2021 - Sept 2022

- Maintain data integrity with internal documents, website contact with up-to-date information.
- Managed and updated budget data for departmental operations and company events utilizing Exel. Maintain items in the Inventory.
- Assist the student in looking up information and holding an event with the management team.

## Projects

**Taskler** github.com/kylenguyen-cs30/mcp-server-taskler July 2025

- Create a MCP server for AI Task Scheduler. User can input their own natural language or files for parsing into JSON and update Google API calendar. Optimize uptime 99%.
- Tools Used: Express JS, LangChain, Ollama, Cloudflare

**Clippy** github.com/kylenguyen-cs30/Clippy April 2025

- Develop a cross-platform application that uses .NET and Avalonia Frameworks to extract and maintain synchronization of Clipboard at the local network level for any system. It can maintain and target up to 10 devices.
- Tools Used: ASP, .NET, Avalonia

**Parfummelier** github.com/kylenguyen-cs30/Parfummelier Nov 2024

- Led a team to develop a full-stack fragrance recommendation system serving 100+ users with 95% matching accuracy, architecting microservices infrastructure using Docker and multiple Python Frameworks that achieve 99.9% and <100ms response time. it also have social media components.
- Tools Used: FastAPI, Flask, NextJS, PostgreSQL, MongoDB