Hoang Nguyen

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EDUCATION

California State University, Fullerton
B.S. Computer Science

Fullerton, CA
Expected May 2025

TECHNICAL SKILLS

- **Languages:** Python, TypeScript, JavaScript/HTML/CSS
- **Frontend / Mobile:** Next.js, React, Svelte, SwiftUI, Swift
- **Backend:** Express, Flask, Prisma, MongoDB, PostgreSQL, RESTful APIs
- **Other:** AWS EC2, Docker, Git CI/CD

EXPERIENCE

Best Buy
Sales Advisor

Sept 2022 – Present
Torrance, CA

- Consistently achieved 100% of monthly sales targets while maintaining 95% customer satisfaction rating
- Developed expertise in consumer electronics, providing tailored solutions that increased attachment rate by 25%
- Generate Direct Revenue 1k per hour through effective product recommendations and customer service

Association for Computing Machinery
Club Officer

May 2024 – Present
CSUF

- Lead weekly technical workshops for 10+ students, covering topics from algorithms to full-stack development
- Created and maintain a mentorship program pairing 20+ experienced developers with new CS students
- Organize monthly coding competitions with 30+ participants, improving problem-solving skills among members

PROJECTS

Parfummelier
NextJS, Flask, Microservices, Docker

github.com/kylenguyen-cs30/Parfummelier

- Led development of a fullstack recommendation engine serving 1000+ users, with 90% accuracy in fragrance matching
- Architected microservices infrastructure using Docker and Flask, achieving 99.9% uptime and <100ms response times
- Implemented secure user authentication system handling sensitive user data in compliance with data protection standards

Tic Tac Toe
NextJS, Typescript, Machine Learning

github.com/kylenguyen-cs30/tictactoe-ml

- Engineered an unbeatable AI opponent using reinforcement learning, achieving a 95% win rate against advanced players
- Utilized Front End Frameworks NextJS and Typescript to create a fast single page optimized web application

Math Nest
NextJS, MySQL

github.com/kylenguyen-cs30/MathNest

- Led team of 3 developers to design a web application that helps students look up math concepts and formulas
- Built with NextJS and Firebase to optimize and retrieve data quickly from Firebase