Alan Nhan

alannhan443@gmail.com | 626-759-1417 | linkedin.com/in/alannhans | Portfolio: nhvn.git.io

PROFESSIONAL SUMMARY

Results-driven professional with a strong technical background and expertise in software engineering. Quick learner and creative problem-solver with proven expertise in healthcare operations and procedures.

SKILLS PROFILE

Technologies: HTML, CSS, SASS, JavaScript, React, TypeScript, UX/UI Design, Node.js, Python, Java, C++, Git
Databases: MongoDB, PostgreSQL
Deployment Tools: Firebase, Amazon Web Services (AWS)
Other: Bilingual English (Native) and Cantonese (Conversational)

PROJECTS

Task Master - A productivity website tool engineered to optimize workflow efficiency   Apr 2023 - May 2023
Full Stack Developer | JavaScript, React, Node.js, MongoDB, PostgreSQL
   - Developed REST API using Node.js, Express and MongoDB to handle all CRUD operations for tasks
   - Implemented React frontend using hooks and context API for state management
   - Conducted testing using Jest and implemented CI/CD pipeline with GitHub Actions
   - Built to support over 100 users and 10,000 tasks across 5 teams

Smart Lighting Control System - An automation solution for precise control of lights   Feb 2023 - Mar 2023
IoT Developer | Python, Flask
   - Engineered lighting automation solution using Python and Raspberry Pi to interact with physical GPIO pins
   - Enabled control of up to 50 lights across 10 rooms with customizable schedules
   - Used multithreading and Flask web framework to enable parallel control of lights
   - Created web UI with Jinja templates for user management and scheduling

"Pumpkin Lost-te" Game - A spooky race against time and ghosts all on your browser   Oct 2022 - Nov 2022
Game Developer | CSS, JavaScript, Firebase
   - Created immersive UI/UX with HTML5 Canvas API and CSS animations/transitions
   - Developed object-oriented architecture using ES6 classes for game components
   - Designed custom game elements, player and enemy behavior and interactions with collision detection
   - Enhanced player engagement by optimizing game performance and responsiveness

WORK EXPERIENCE

Din Tai Fung Restaurant   Dec 2021 - Apr 2023
Server and Front of House Staff   *Arcadia, CA*
   - Provided exemplary service by promptly taking orders, serving food, and ensuring guests' needs were met
   - Trained 4 new hires on restaurant practices, enhancing their product knowledge and customer service
   - Demonstrated a positive attitude and friendly demeanor, creating a welcoming atmosphere for guests

Chien & Li Dental Clinic   Dec 2020 - Nov 2021
Dental Assistant   *Temple City, CA*
   - Assisted dentists in providing quality care to over 100 patients per week, including taking x-rays
   - Followed strict protocols and safety guidelines to prevent cross-contamination and ensure compliance
   - Ensured accuracy and attention to detail through preparing instruments and materials

EDUCATION

Cal State Long Beach (CSULB)   Aug 2022 - May 2023
Full-Stack Software Development Program   *Long Beach, CA*
University of California, Irvine (UCI)   Sep 2019 - May 2021
Bachelor of Science in Natural Sciences   *Irvine, CA*