Kristy Guo

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OBJECTIVE

A smart, humble and hungry engineer equipped with strong problem-solving abilities, and excellent communication skills for both written and verbal contexts. Proficient in working both independently and within dynamic team environments. Eager to embrace fresh challenges and contribute to an innovative workspace where skills can flourish, ultimately benefiting a future employer.

EDUCATION

California State University - Dominguez Hills   **Present - 2024**
Master of Science - Computer Science

University of California, Davis
Bachelor of Science

University of California, Berkeley
Full-Stack Web Development - Certification

SKILLS

Programming Languages: JavaScript/TypeScript, Python, SQL, Ruby, C++, HTML, CSS
Frameworks: React.js, Next.js, Node.js, Express.js, Angular, Rails, Vue.js
Database Technologies: GraphQL, MySQL, MongoDB, tRPC, Prisma, Zod
Dev Tools: Git, GitHub, Figma, Jest, Vercel, Heroku, AWS

WORK EXPERIENCE

SOFTWARE ENGINEER INTERN, TRUEBUILT SOFTWARE   REMOTE | OCT 2023

- Performed quality competitive analysis to gain valuable insights into market trends and conduct meetings about potential product enhancements
- Tested scripts and developed web application utilizing modern technologies - ES6, Next.js, TypeScript, Prisma, Zod, tRPC
- Worked with cross-function teams to deliver results meeting expectations and close GitHub issues in a sprint
- Attended standup meetings to receive weekly tasks and mentorship from senior developers to accelerate my learning curve and avoid pitfalls
- Followed an agile software development methodology and performed version control ensuring seamless collaboration using Git and GitHub

WEB DEVELOPER, OMAKASE RESTAURANT GROUP   SF, CA | 2022-2023

- Leverage HTML, CSS and JavaScript to tailor website to meet unique branding and functionality requirements
- Optimize website performance, ensuring fast loading time and intuitive interface that captivate audiences and drive business growth
- Collaborate effectively with cross-functional teams including content creators to translate concepts into visually stunning web experiences
- Deliver projects on time and within budget, while maintaining a high level of client satisfaction and fostering long-term relationship

PROJECTS

ChatGPT Clone (Next.js, TypeScript, TailwindCSS, OpenAI API, Firebase, NextAuth, Vercel)   Live | github

A chatGPT inspired chatbot using the ChatGPT API to simulate human-like conversations and respond to user inputs in natural language.

- Created api endpoints using Next.js to securely manage requests and used built-in routing to handle client-side navigation
- Utilized TailwindCSS to apply styles to HTML elements and achieved a fully responsive site with modern interface
- Connected Firebase to store and sync data in real-time chats with chatGPT across multiple clients
- Used TypeScript to catch errors at compile-time instead of runtime which reduced the overall numbers of bugs and errors
- Implemented authentication library NextAuth to authenticate users and to support providers such as Google

Apple Shop (React, JavaScript, TypeScript, TailwindCSS, Sanity.io, FirebaseAuth, Redux)   Live | github

A responsive modern e-commerce website includes cart and checkout functionalities which buyers can place real electronic orders.

- Enabled payment processing platform Stripe to securely accept and manage online payments for electronic orders
- Managed product images, descriptions and details for the online store using Sanity.io and Sanity Studio
- Utilized FirebaseAuth to securely authenticate users in application using email and password
- Exercised data persistence and shared state across the entire app using Redux Tool Kit to achieve cart functionality
- Handled routing and navigation between pages or components using React Router DOM

LANGUAGE

Fluent reading, writing, typing and speaking in both English and Chinese (Cantonese & Mandarin)