

# Kristy Guo

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## OBJECTIVE

Motivated software engineer with superior skills working in both team-based and independent capacities, problem solving, written and verbal communications, and organizational skills in any setting. Seeking to work in an environment where these skills can be expanded and mutually benefit a future employer.

## SKILLS

Next.js, React.js, TypeScript, JavaScript, tRPC, Prisma, Zod, Vercel, AWS, GitHub, Express.js, Node.js, GraphQL, Apollo GraphQL, MySQL, Sequelize ORM, MongoDB, Mongoose ODM, Heroku, Git, Figma

## WORK EXPERIENCE

SOFTWARE ENGINEER INTERN, TRUEBUILT SOFTWARE

SEP-DEC 2022

- Designed and developed web application utilizing modern technologies - ES6, Next.js, TypeScript, Prisma, Zod, tRPC
- Worked with product team and engineering team to deliver results and close GitHub issues in a sprint
- Performed quality competitive analysis and conduct meetings to discuss potential product enhancements
- Attended standup meetings to receive weekly tasks and mentorship from senior developers
- Followed an agile software development methodology and performed version control using Git and GitHub

CONSTRUCTION PROJECT ENGINEER, IRON CONSTRUCTION

2018-2022

- Oversaw full project lifecycle from pre-construction planning, design, estimating, execution to project closeout
- Conducted Owner, Architect and Contractor meetings, prepared and maintained construction project schedules
- Pulled permits from city departments and coordinated inspections in a timely manner
- Built project S.O.V. and precisely allocated budget among line items to maintain or improve targeted AGP

## SELECT 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

## EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

Full-Stack Web Development - Certification

UNIVERSITY OF CALIFORNIA, DAVIS

Bachelor of Science