Hannah Nguyen

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SKILLS

Languages - JavaScript, TypeScript, Java, Python, Lua, HTML, CSS, SQL
Technologies - React, Node.js, Express, Flask, PostgreSQL, GraphQL, AWS (S3, Amplify, Lambda, DynamoDB), OpenAI API
Tools - React Testing Library, Jest, unittest, Prisma ORM, SQLAlchemy, Git

RELEVANT EXPERIENCE

Software Engineer Intern @ Foqal   San Francisco, CA (remote) | June 2023 – July 2023
- Developed frontend features now in production for Foqal Knowledge, a web application enabling companies to store and access frequently asked questions, utilizing React, TypeScript, and GraphQL
- Implemented multi-selection filtering for tickets based on priority and completion status
- Enhanced the process of assigning tickets by introducing the ability to add premade groups of customer service agents to ticket queues as featured in this Foqal blog post

PROJECTS

Gitlet   Repo
- A Java replication of the Git version control system with essential features including but not limited to staging, committing, pushing, branching, merging, and remote handling
- Utilized data structures such as hashmaps, trees, and graphs to execute commands that scale efficiently with large repo changes and increasingly complex commit histories
- Gained experience designing and implementing a larger software project with emphasis on clean code and documented design choices, changes, and algorithms in a technical write-up

PagePal - Women Who Code Hackathon for Social Good 2023   Demo | Frontend Repo | Backend Repo
- A web app developed within a week to help users improve their reading comprehension skills by providing public domain books, text-to-speech reading for auditory learning, and ChatGPT generated quizzes and word definitions tailored to users' reading level
- Deployed an Express REST API using AWS Lambda to save books to users' libraries in DynamoDB and stream book content in pages at a time
- Created a React frontend hosted on AWS Amplify that utilizes Passage for user authentication

Howdy   Repo
- A cowboy-themed friend-matching app hosted on AWS Amplify developed in collaboration with a partner using React, Express, Node.js, Bootstrap, PostgreSQL and Prisma ORM
- Stood up a REST API recording users' interests and querying potential matches from a database

Bouncy Bun   Demo | Repo
- An endless runner game built with Lua in the Love2D graphics framework with a custom GUI and hand-crafted assets
- Furthered proficiency in object-oriented programming and iterative development

ADDITIONAL EXPERIENCE

Associate Manager @ Nails and Spa   Calabash, NC | August 2019 – December 2022
- Maintained a frictionless environment by fostering effective communication between clients and stylists, resolving conflicts in a professional manner
- Mentored new staff members and ensured adherence to salon standards, customer service protocols, and hygiene practices

EDUCATION

Software Engineering Program @ Rithm School   San Francisco, CA (remote) | July 2023

Relevant Courses
Data Structures @ University of California, Berkeley (audited)