Trevor Cruz

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Experience

ShareYourPulse | NY, Rochester
Software Engineer Consultant - Senior Capstone | 08/2023 - 05/2024

- Utilized both front-end and back-end technologies to bring the ShareYourPulse music app to the Apple AppStore.
- Communicated with five other team members to tackle different features of the app for deployment, with my role focused on the front-end experience for viewing and interacting with user profiles.
- Made use of React Native, Django Python, PostgreSQL, AWS technologies, and OneSignal to bring the app to fruition.
- Fully implemented the ability to view user's profiles, user's likes, and user's saved posts, as well as the ability to search for a user in the app.

Simone Center for Entrepreneurship, RIT | NY, Rochester
Innovation Fellowship Member/Software Engineer Consultant | 06/2023 - 08/2023

- Consulted with a team of four others to work on adding a medical module to Mindex's existing SchoolTool.
- Created prototypes and mockups for the new medical module, demonstrating through presentations the proposed improvements that could be made, and programmed these designs using ReactJS and CSS.
- Conducted customer discovery interviews with those in the school medical field to drive decision making on functionality for the medical module.

UKG | Remote
Software Engineer Intern | 01/2022 - 04/2022

- Worked on the UKG Ready product, on the Time and Labor Management team, to create new features and fix existing features for small businesses that need to manage employee time entries.
- Collaborated with 2 other interns on the team, as well as four full-time developers, on full-stack tasks to improve the UKG Ready product using ReactJS, Java, and MySQL.
- Engineered a new way to handle document upload when employees clock into or out of their job after discovering a bug that prevented the two actions from being separate.

Skills

JavaScript, Java, ReactJS, React Native, Python, PostgreSQL, HTML 5, CSS, Wireframing, Creative Writing, UI, UX, Django, AWS, Git, GitHub

Education

Rochester Institute of Technology | Rochester, NY
Software Engineering | 05/2024

- Awarded Dean's List: Spring 2021, Fall 2021, Fall 2022, Fall 2023, Spring 2024

Certificates

Meta Front-End Developer Professional Certificate, Google Digital Marketing & E-Commerce Certificate

Projects

Video Game Sentiment Analysis

Spring 2024

- Leveraged AWS technologies (Comprehend, API Gateway, Lambda, DynamoDB, s3, EC2) and Terraform to analyze the public sentiment of a video game before and after release to assess performance of the game.

- Worked with a team of four others, primarily as API Gateway specialist on the team, connecting scraped data from Instagram, Reddit, and Metacritic to the front-end of the website displaying results.
- Gained awareness of various AWS technologies and learned ways to utilize these technologies in other projects.

Full Stack Nutrition Tracker

Fall 2022
- Designed a full-stack website to track macronutrients (protein, carbs, calories, etc.) for a user based on the foods entered into the website.
- Used ReactJS for front-end creation, Python for back-end services, and Flask for API communication.
- Included a visual progress bar as macros were input, warnings when values exceeded daily limits, and adjustable goals.