Trevor Streng

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PERSONAL PROJECTS

Feed   **January 2024 – February 2024**

- Designed, implemented, and deployed an innovative social media platform, using Next.js, Node.js, and MongoDB; hosted on Vercel and Firebase.
- Led the development of innovative features including notifications, user authentication, account recovery, content posting, and a rating system with like and dislike functionality.
- Engineered an innovative back-end using Express.js, ensuring efficient communication and data management.

Crypto Trading Bot   **October 2023 - December 2023**

- Developed a cutting-edge automated cryptocurrency trading bot in Python, integrating price check mechanisms and moving average crossovers to drive data-based trading decisions.
- Ran on Raspberry pi to minimize computing costs.

Landing Page   **August 2023 - December 2023**

- Crafted a personalized landing page using Next.js and Tailwind CSS; hosted on Vercel.
- Implemented visuals to captivate and engage users, enhancing the overall user experience.
  - Website: trevorstreng.com

Boba Shop Website   **January 2023 - December 2023**

- Collaborated with a team to design, implement, and test a website tailored to a client's Boba Restaurant.
- Enabled staff to easily customize images and the menu through admin accounts.
- Achieved a 6% lower fee, seamless ordering, and a rewards program for customers.

Robot Game   **January 2023 - May 2023**

- Programmed a Java based robot game utilizing the Codename One framework.
- Integrated advanced navigation algorithms and collision detection mechanisms, completed within a semester.

EDUCATION DETAILS

Bachelor of Science: Computer Science
California State University, Sacramento, January 2024

Associate in Arts: Interdisciplinary Studies: Math and Science
Folsom Lake College, May 2020

Relevant Coursework
Advanced Algorithm Design and Analysis, Database Management Systems, Object Oriented Computer Graphics Programming, Operating Systems, Web Programming, Unix Programming, Computer Networking

SKILLS

Languages

- JavaScript, HTML, CSS, TypeScript, Java, SQL, Python, C#, x86 Assembly

Frameworks/Tools/Technologies

- NodeJS, Next.js, React, Express, React Native, Git, GitHub, Tailwind CSS, Visual Studio Code, Prisma ORM, Postman, Jira, Wireshark, Vite, Vitest, Eclipse, Codename One, REST API's, WebSocket, AWS, Firebase, ASP.NET, Dreamweaver, Nginx, Vue.js

WORK HISTORY

Cameron Park Physical Therapy   **April 2017 – June 2021**

Physical Therapy Aide Supervisor

- Directed specialized training sessions to accelerate recovery for 20-40 patients a day.
- Collaborated with 5 Physical Therapists to ensure effective patient treatment.
- Prepared and maintained thousands of patient accounts, implementing best practices to ensure data integrity.
- Managed a team of up to five aides simultaneously, overseeing and ensuring the delivery of high-quality treatment.