Ned Seaman

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Education

Washington University, McKelvey School of Engineering   August 2019 – May 2023
B.S. Computer Science, Financial Engineering; 3.91 GPA.
- Coursework: Artificial Intelligence, Rapid Prototype Development, Machine Learning, Systems Software, Object-Oriented Software, Networks and Graphs, Parallel and Concurrent Programming.

Experience

LaunchCode JusTech   August 2021 – Present
Coding Instructor, Missouri Eastern Correctional Center
- Tutored inmates in web development to deepen their understanding of class material.
- Helped establish and expand dev shop for JusTech graduates to ensure steady employment upon release. Communicated with employers to guarantee satisfactory results.

National Geospatial-Intelligence Agency   May 2021 – August 2021
Software Engineer Intern
- Directed independent research project on the economic impact of COVID-19 in Mexico City.
- Designed and implemented Python script to analyze satellite imagery and spatial economic data.
- Automated satellite imagery analysis workflow to increase efficiency by 50%.
- Facilitated routine performance evaluations with project sponsors.

FastDemocracy   May 2020 – September 2020
Software Engineer Intern
- Developed mobile application using React Native to reach new customer base, app now available on App Store and Google Play Store under "FastDemocracy".
- Developed API to scan business cards, allowing users to easily exchange personal information.

Projects

CartConnect   February 2022 – Present
- Architected and built API to streamline the real-time sharing of online shopping carts.
- Incorporated accompanying iMessage frontend for seamless user experience.

Personal Website   January 2022 – Present
- Experimented with static site generation using Hugo.
- Created responsive, content-rich site that features contact information, resume, and blog posts.
- Implemented automatic compilation and deployment using Netlify.

ChatRoom   September 2021 – October 2021
- Constructed Socket.IO real-time chat application to allow friends to connect wherever, whenever
- Enabled users to kick or ban others to discourage use of offensive or vulgar language.

Skills

Languages: *(proficient)* Java, JavaScript, Python, *(familiar)* SQL, Swift, C, C++
Frameworks: *(familiar)* React.js, React Native
Databases: *(familiar)* MongoDB, MySQL
Technologies: *(familiar)* Git, Postman