Joel **Sheng**, *Software Engineer*

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Skills

Languages: Javascript • HTML • CSS • Java • C/C++ • Python

Technologies: React • **Chakra UI** • Git • Bash • Firebase • PostgreSQL • MongoDB • Agile • Unix

Experience

Kaizen EHR, *Front-end Software Engineer*   January 2022 – Present

Javascript, HTML, CSS, React, Chakra UI, MongoDB, Express.js, Node.js, Next.js

- Lead engineer driving the front-end development of company's web app and landing page with two other engineers, introducing workflows and libraries to accelerate feature release rate by 4x.
  - Advocated migration of vanilla CSS to Chakra UI and rebuilt/refactored entire user interface, simplifying component styling and consolidating unorganized style sheets to global theme file and CSS-in-JS.
  - Maintained code quality and architecture with reviews, pair programming, and discussions. Initiated planning for style guide implementation and adding static analysis(ESLint) to codebase.
- Reviewed product roadmap to clear up feasibility issues and clarify strategy with founder, increasing focus and context for development, and reduced story points for MVP by 25%.
- Collaborated with multi-disciplinary team of designers and researchers to implement features according to user requirements and Figma wireframes.

Education

University of California, Santa Cruz   June 2019

Bachelor of Science, Computer Science

Dean's Honors
- Maintained GPA in the top 15% of students in the Jack Baskin School of Engineering for a whole school year.
- Achieved full marks (A+) in Intro to Programming (CMPS 12A) and Intro to Data Structures (CMPS 12B).

David S. Lee Scholarship
- Nominated by faculty for academic achievement and bringing diversity to the engineering community.

Projects

Personal Homepage   July 2022

Javascript, React, Chakra UI, Axios, Netlify   Website • GitHub

- Designed, animated, and built from the ground up a fully responsive website with accessiblity features like dark/light color mode and keyboard navigation. Also features dynamic routing and component rendering.
- Implemented Axios requests to fetch information from Google Books REST API for a reading list.

Fighter Quiz   July 2022

Javascript, React, HTML, CSS, Axios, Github Pages   Website • GitHub

- Developed quiz app to categorize users' fighting styles into 16 types (structured similarly to MBTI).
- Used REST API to fetch Anime character data from Jikan REST API into pages with nested, dynamic routing.

EZOrg Transcript Organizer   June 2018

Python, Javascript, Web2py, Vue.js, Heroku   GitHub

- Built website with team of 4 to connect classmates with data parsed from their transcripts.
- Created web scraping module with Scrapy to query UCSC class search and return information from 1300+ classes.

Elevate Self Improvement App   December 2017

Java, Android Studio, Firebase, Agile (Scrum)   GitHub

- Product owner for team of 5, following Scrum through 4 sprints to deliver habit and mood tracking Android app.

Interests

Hobbies: Reading, Fitness, Martial Arts, Skateboarding, Snowboarding, Backpacking, Piano

Topics: Psychology, Philosophy, Business, Social Sciences, Meta Learning