Jason Yu

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EDUCATION

University of California, Santa Cruz – Baskin School of Engineering   Santa Cruz, CA
Bachelor of Science, Technology Information Management   June 2020
- **Relevant Coursework:** Data Structure, Accelerated Programming, Computer Networks, Management of Technology I and II, Human-Centered Design Research, Database Management Systems, Business Information System, Intermediate Programming, Business Strategy/Information Systems

SKILLS

Javascript, HTML/CSS, React.js, Redux Thunk, Python, Git, Axios, Firebase, Node.js, Figma, NPM, WordPress, Elementor Pro

PROJECTS

PodSpot   October 2020 - Present
React.js, Spotify Web API, Git, Node.js, Firebase
- Utilized Spotify Web API for user authentication and fetching data from Spotify's database.
- Integrated Spotify Web Playback SDK to incorporate audio features such as play, pause, and seek.
- Coordinated work with another programmer with Git version control.
- Stored relevant information for each podcast episode with Firebase real time database.

Pumpr   April 2020 - July 2020
React.js, Redux, React Router, Node.js, Firebase
- Incorporated SCRUM framework to adapt to changing conditions and requirements throughout the process of building the application from the ground up.
- Collaborated with an UI/UX Designer and converted wireframes into React components.
- Performed Usability Testings to create and update the Low and High Fidelity designs for the front-end interface.
- Integrated Places API from Google Cloud Services for users to select their geographic locations when customizing their profiles.
- Utilized Firebase Storage to store user images and Firebase database to create a real time chat feature for messaging.
- Used Firebase Hosting to quickly deploy the web app and serve dynamic content.
- Performed unit testing on components using Enzyme with jest.

Applied   March 2020 - April 2020
React.js, Redux, Node.js, Firebase
- Incorporated Redux leveraging Thunk to maintain a centralized state while running asynchronous operations.
- Integrated Firebase real time database and utilized Firebase Authentication SDK to manually integrate sign-in methods to the application.
- Employed open-source NPM packages such as react-datepicker to expedite the development process.

Responsive Portfolio 1.0   March 2020 - April 2020
HTML, CSS, Bootstrap 4
- Utilized CSS tools like flexbox and grid to organize the layout of the page.
- Integrated CSS transform property to provide a better UI/UX experience for viewers.

WORK EXPERIENCE

SH1FT   Montreal, CA
Web Developer Intern   August 2020 – Present
- Improved the website's speed and performance by 70% by converting components created from WordPress Plugins into HTML/CSS/Javascript code.
- Collaborated with another Web Developer Intern to create a website from the ground up for one of SH1FT's clients.
- Worked with many CMS platforms such as WordPress, Elementor Pro, and Squarespace and created custom features with code injections.
- Developed a social media ad generator so SH1FT's clients can view how their ads will be displayed.
- Resolved Google Search Console mobile usability issues to improve SH1FT's website ranking on Google.
- Fixed Google Chrome's SSL certificate errors on the client's websites.