

Alex Li

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TECHNICAL SKILLS

Tooling | Bash, Git

Front-end Development | HTML5, CSS, JavaScript, ReactJS, Redux, Bootstrap, SASS, JQuery, Grunt

UI/UX | Adobe Photoshop, Figma

Back-end Development | NodeJS, MongoDB, MySQL, Mongoose, Express framework

Mobile Development | React Native, Expo SDK

Proficient Languages | C++, Python (Selenium, Requests, BeautifulSoup)

Microsoft Office | Word, Excel, Publisher, PowerPoint

WORK EXPERIENCE & PROJECTS

Instrumental Site | Frontend & Backend Developer

Nov 2019 – Present

- Developed using ReactJS framework and Redux for state management
- Backend developed with NodeJS and MongoDB as NoSQL database
- Musical components in view developed with Web Audio API

Personal Portfolio Website | UI/UX, Frontend Developer

Dec 2019– Present

- Developed with HTML, CSS, and vanilla JavaScript
- Prototyped with Figma

Full-stack Course Cumulative Project | Full Stack Developer

June 2020 – Sept 2020

- Development of mock restaurant web page using ReactJS
- Set up backend with NodeJS and MongoDB and implemented HTTPS and authentication with OAuth 2.0
- Developed mobile native application with React Native and Expo SDK
- Performed HTTP request testing with Postman and Python Requests
- Performed web-scraping with Selenium and BeautifulSoup

Mars Rover Design Team | Software Development Team

Oct 2019 – Present

- Developed on sensors and movement components of rover
- Based in C++ and worked in Linux OS platform
- Performed QA testing with senior developers

OTHER EXPERIENCE

Full-Stack Development Courses | The Hong Kong University of Science and Tech.

June 2019 – Sept 2020

- Front-end Web UI Frameworks and Tools: Bootstrap 4
- Front-End Web Development with React.
- Multiplatform Mobile App Development with React Native
- Server-side Development with NodeJS, Express and MongoDB

OOP Development Courses | The University of Waterloo

June 2019 – Sept 2020

- Data Structures and Algorithms

CERTIFICATIONS

Full-Stack Web Development With React Specialization by The Hong Kong University of Science and Technology
Sept 2020

EDUCATION

Honors Bachelor of Mechatronics Engineering Co-op | The University of Waterloo

(Expected) 2019 – 2024