

Joshua Park

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TECHNICAL SKILLS

Programming JavaScript (ES6) · HTML · CSS · Python · Java · TypeScript · C/C++
Web Development React/Hooks · Firebase · Express · Node.js · Redux/Toolkit · Jest

EDUCATION

University of British Columbia, B.A.Sc. Biomedical Engineering, Vancouver, BC Sep 2018-May 2022

- Specialization: Biomedical Informatics
- Placed 2nd against 950 contestants in UBC's Assistive Technology competition by reducing wheelchair cost by \$700

RELEVANT EXPERIENCE

TELUS, Software Engineer Intern, Burnaby, BC May 2020-Dec 2020

- Updated TELUS's OAuth library to with a new debugger feature to streamline authentication and API calls using React, Redux, Express, and Node.js
- Simplified 60% of ordering portal's frontend by building a versatile React UI library for a team of 36 developers

Encor.cc, Co-founder, Kingston, ON Mar 2020-Present

- Launched startup with 100+ waitlisted users by creating a social media management platform using React and Firebase
- Offered \$20,000 in funding from Queen's Innovation Centre by successfully pitching and being admitted to its 17-week startup accelerator program
- Achieved partnership with Queen's University advertising Encor to 5,000+ first year students in orientation emails

UBC Biomedical Engineering Student Team, Software Engineer, Vancouver, BC Sep 2019-Present

- Programmed 5+ pages of Android app using Java to interface EEG hardware and neural network algorithm
- Reached 90% accuracy in reading user's thought by characterizing 300+ EEG signal datasets using Python

PROJECTS AND HACKATHONS

nwHacks, Food for Thought, Website Jan 2020

- Developed full stack web app with 8 pages and integrated Google map API using Bootstrap, JavaScript and Firebase
- Integrated a dynamic dashboard displaying 7 types of data analytics of live data using a NoSQL database Firestore

UBC Local Hack Day, Inky, Website Nov 2019

- Coded an iOS app that recorded, transcribed, and summarized a max of 3-minute audio files using Swift
- Implemented an open source Natural Language Processing library to summarize 375+ words to 45 words

Full Stack Web Application, ProCanvas, Website Sep 2019

- Programmed a full stack web application using React, Redux, and Firebase to create a to-do list sharing platform
- Utilized 7 cloud functions including user authentication, NoSQL database Firestore, and hosting

EXTRACURRICULARS

Simbi Foundation, UI/UX Researcher, Vancouver, BC Apr 2020-Present

- Created design recommendations by summarizing 30+ academic papers and creating affinity diagrams
- Improved UI/UX of the digital curriculum Simbi Cloud by discovering 12 website bugs through web audits