



EDUCATION

University of California, Berkeley | BA, Computer Science Major

Aug 2020 – May 2024 (EXPECTED)

PROFESSIONAL EXPERIENCE

HKP Solutions | *Software Developer Tech Lead*

Jun 2020 – Present

- Lead team of 10+ developers to develop hotel management Android mobile and React web application
- Developed 80+ screens (40+ for each), managed integration of 170+ pull requests, and handled 70+ issues/improvements
- Run effective scrum meetings to efficiently update backlog items, create quality products, and achieve company goals
- Work with CEO and CTO to define project scope, objectives and development roadmap

Investocracy | *Full Stack Web Developer Intern*

Jun 2020 – Present

- 1 of 3 developers developing 4 websites at Tokyo-based startup connecting investors and startups across Asia and Africa
- Developed dynamic and responsive React frontend with 75+ reusable components and 15+ pages
- Implemented secure user authentication with Redux, MongoDB, and Firebase Authentication
- Designed and built script to generate and deploy 10K+ SEO-friendly startup webpages
- Improved SEO by implementing sitemaps, allowing Google to effectively crawl sites

RISE | *Software Engineering Manager*

Jun 2020 – Sept 2020

- Led team of 5 developers in creating job tracking and finding platform and community
- Created dynamic React frontend and implemented secure Firebase Authentication and MySQL Database
- Allocated work, provided guidance, and resolved issues to meet performance objectives

PROJECTS

Philadelphia Church of Vancouver Mobile Application

Spring 2019

Tools: Java, XML, Google Firebase, Android Studio

- Increased community engagement of local church by developing Android mobile app as a connection platform
- Implemented secure Firebase database storage for announcements, videos, images, and notifications
- Published application on Google Play Store with 30+ downloads

Stock Trading Bot

Summer 2020

Tools: Python, Google Cloud, Sklearn, NumPy, Alpaca Trading API

- Implemented Alpaca Trading API to import data and create buy/sell orders while deployed on Google Cloud
- Designed AI software to predict the stock movement based on trends; creates buy/sell orders accordingly

EXTRACURRICULARS

Berkeley Engineering Student Council | *External Vice-President Officer*

Jun 2020 – Present

- Facilitate connection and inclusion within faculty by hosting events, funding clubs, and creating initiatives
- Find sponsors and form corporate connections with University-affiliated organizations and externally

Semiahmoo Programming Club | *Co-Founder and President*

Nov 2018 – Mar 2020

- Mentored 15 high school students Java and Python with interactive challenges and projects
- Directed team of 5 executives and coordinated meetings and events with sponsor staff and principal

SKILLS

Technical Skills

Languages: Python3 • JavaScript • Java

Tools: React • Node • Firebase • MongoDB • Redux • Express • GitHub (LFS) • MySQL

Knowledgeable in: Android Development • Web Development • Data Science • Algorithms Design & Analysis • Data Structures

Soft Skills

Leader • Collaborator • Innovator

ACHIEVEMENTS

UBC Physics Olympics Champions | Mar 2019

- 1st / 600 Students – Provincial Physics Competition

Award of Excellence in Programming 11, Pre-Calculus 11 | Jun 2018

- 1st / 60 Students per Class – 96%+ Final

FUN FACTS

Hobbies

Badminton • Piano • Photography • Rubik's Cube

Interests

Automation • Aerospace Engineering • Cryptocurrency