

Saratoga, CA
Seattle, WA

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> Brandon Ko

Education

University of Washington, Seattle
BS in Computer Science
Minor in Dance and Mathematics
Expected December 2020 | Seattle, WA
Cum. GPA: 3.7 (Dean's List)

Links

Github://brandonko
Linkedin://kobrandon98

Programming Skills

Proficient: Java, JavaScript, Python
Familiar: C, Ruby, HTML & CSS
Tools: AWS & Azure, Bash, NodeJS, React, MongoDB, Git, SQL

Related Courses

- Data Structures & Parallelism
- Software Design and Implementation
- Machine Learning
- Computer Security
- Hardware/Software Interface
- Systems Programming
- Database System Internals
- Artificial Intelligence
- Natural Language Processing

— WORK EXPERIENCE —

Qualtrics (Software Engineer Intern) *July 2019 – September 2019*

- Design and implement a notification system that analyzes calendar events to alert users with custom messages at optimal times
- Work with neural networks in Pytorch to classify user written text
- Formulate statistical models to cluster raw data and derive relationships that drive employee satisfaction in the workplace

Giving Tech Labs (Full Stack Intern) *October 2018 – April 2019*

- Design and implement an interactive console that controls and operates multiple AWS web applications simultaneously
- Create end to end user documentation on the back-end control flow of custom-coded plugins in a WordPress application

Klok Tech (Software Engineer Intern) *July 2018 – October 2018*

- Collaborate with a team of ten graduates to dissect an AngularJS web application used to organize and operate a restaurant chain
- Debug and test the changes made as a team to improve and update different modules of the web application

— PROGRAMMING EXPERIENCE —

Recruitment Manager Project *June 2018 – Present*

- Provide an unbiased experience for recruiters of all organizations
- Cluster candidates and interviewers using Python SciKitLearn
- A web application run on NodeJS with MongoDB

DubHacks Project *October 2018*

- A web application that provides students in the same course with the opportunity to connect, network, and learn from each other
- Build and design a seamless UI that allows users to send direct messages on a NodeJS app with MongoDB

Chrome Extension Project *June 2018*

- Improve and enhance the browsing experience of UW's grade viewing website by collecting and organizing statistical data

IoT AWS Project *June 2017*

- Learn and apply cloud computing techniques on Amazon servers
- Develop innovative functions for the Amazon Dash Button in Java

— LEADERSHIP EXPERIENCE —

Rho Innovate (Team Lead) *April 2019 – Present*

- Direct a group of seven students to build a successful startup by sustaining a productive and supportive environment

Rho Tech (Founding Member) *June 2018 – April 2019*

- Design a website for members using NodeJS on AWS to analyze user data and provide networking recommendations
- Lead workshops that educates others on the basics of programming