

# Kevin Choi

Bachelor of Computer Engineering, 4<sup>th</sup> Year

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## WORK EXPERIENCE

### Amazon

Vancouver, BC

Software Development Engineer Intern – Tax Engine Machine Learning

May - July 2019

- Delivered a full-stack ML service for detecting misclassifications in Amazon product tax classifications
- Fully self-designed the UI, API, and backend workflow; final product refined through user acceptance testing
- Utilized numerous AWS services such as Lambda, Step Functions, DynamoDB, Batch, API Gateway, and more

### Facebook

Menlo Park, CA

Software Engineer Intern - Ads Manager and Metrics

May - Aug 2018

- Developed an end-to-end metric consistency framework for Ads Manager to detect UI metric inconsistencies
- Configured database tables through which ad metric information was communicated through queries
- Refactored much of the existing codebase and increased test coverage through unit and integration tests

### SAP

Vancouver, BC

Agile Developer Intern - Quality Tools and Infrastructure

May - Dec 2017

- Automated the daily merge process of 30+ workstream branches by establishing key prerequisites prior to merge
- Developed several Jenkins jobs to manage the workflow of builds and background tasks
- Maintained stability of SAP Analytics Cloud by writing Python scripts to automate modularized UI tests

## TEACHING

### University of British Columbia

Vancouver, BC

Teaching Assistant – CPSC 221: Basic Data Structures and Algorithms

Sept – Dec 2018

- Facilitated weekly lab sessions and office hours to assist students with C++ programming assignments

## EDUCATION

### University of British Columbia

Vancouver, BC

Bachelor of Applied Science in Computer Engineering

Sept 2015 – Present

- Dean's Honour List; 4/4 Co-op Terms Fulfilled; Expected graduation May 2020

## PROJECTS

### Smartender

Personal Project

React Native, Node.js, Express.js, MongoDB, AWS, Raspberry Pi 3

March 2019

- Constructed a bartending machine controlled by mobile app with the ability to choose from a menu of drinks

### ASAP Sports

DubHacks 2018

React Native, Python/Django, PostgreSQL

Oct 2018

- Developed a mobile application for athletes to create, organize, and join nearby sporting activities

## SKILLS

**Languages:** Java, JavaScript, React/React Native, Spark, HTML5, CSS3, C/C++, Hack (PHP), Python, Verilog, ARM

**Tools:** Git, Mercurial, Atom, HHVM, Eclipse, MongoDB, AWS, Apache Hadoop, GDB, Jest, JUnit, Mockito, Jenkins