

Kevin Choi

Bachelor of Applied Science, Computer Engineering

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EXPERIENCE

Amazon

Vancouver, BC

Software Development Engineer I – Tax Engine Machine Learning

July 2020 - Present

- Working on innovative new ways to delegate machine learning in the product tax classification space
- Delegating tools such as AWS Lambda, Step Functions, API Gateway, Glue and more to build services

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

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

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

TEACHING

University of British Columbia

Vancouver, BC

Teaching Assistant – CPSC 221: Basic Data Structures and Algorithms

Sept 2018 – May 2020

- 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, Computer Engineering

Sept 2015 – May 2020

- Dean's Honour List; Cooperative Education Program

PROJECTS

Helping Hand (1st Place Prize)

UBC Local Hack Day

React, Node/Express, PostgreSQL

Nov 2019

- Created a PWA to enable contactless donations to the homeless; 1st place among 400+ participants

Smartender

Personal Project

React Native, Node/Express, MongoDB, AWS, Raspberry Pi 3

March 2019

- Constructed a mobile-app controlled bartending robot capable of serving different drink recipes automatically

ASAP Sports

DubHacks

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, Python, React.js/React Native, Node/Express, SQL, HTML5/CSS3, C/C++

Tools: Git, AWS, Linux, MongoDB, PostgreSQL, Next.js, GDB, JetBrains IDE, Jest, JUnit, Mockito, Jenkins