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 – Dec 2021*
- Constructing multiple services and infrastructures around tax ML models using native AWS
- Utilizing model predictions to calculate post-launch metrics for business analytics

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

SKILLS

Languages: Java, JavaScript, Python, React.js/React Native, Node/Express, SQL, HTML5/CSS3, C/C++

Tools: AWS, Git, Apache Spark, Bash, Linux, MongoDB, PostgreSQL, Jest, JUnit, Mockito