

# Shuhaib Mehri

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## Education

**University of British Columbia**

Vancouver, BC | Expected Graduation – May 2024

B.Sc. Honours Computer Science – 4.0 GPA

Selected Coursework: ML and Data Mining, Advanced Algorithms Design and Analysis, Computer Vision, NLP

Activities: Competitive Programming Team (ACM ICPC); Tri mentoring; Computer Science Co-op; Intramurals;

## Professional Experience

**Amazon**

Vancouver, Canada | Jan 2023 – Present

Software Development Engineer Intern

Java

- Owned the end-to-end creation of an interactive data visualization tool responsible for a 90% increase in efficiency of data analysis, facilitating the migration from a page rendering framework
- Spearheaded productionalization by setting up pipelines and environments, conducting threat modeling, attaining certifications, establishing a robust support policy and implementing logging mechanisms, resulting in a fully operational web application available for use
- Employed various techniques to optimize the data retrieval process, achieving a 80% reduction in website latency

**UBC Computer Science Department**

Vancouver, Canada | Sep 2022 – Present

NLP Research Assistant

Python, Shell

- Conducting research with Prof. Vered Schwartz on the Automatic Evaluation of Generative Models with intentions of submitting a publication to the 2023 EMNLP Gem Workshop

**Amazon**

Vancouver, Canada | May 2022 – Aug 2022

Software Development Engineer Intern

JS, Java, AWS (Lambda, API, Step Fn, CFN, DynamoDB, S3)

- Architected the design and development of a command line interface that uses cloud computing to generate and register consumer ready metadata, enabling developers to onboard/update web pages onto Amazon's page rendering platform
- Reduced team operation load and improved client experience by working on multiple services across different teams to automate a process that previously had ~5 requests/week and a 10-day service-level agreement

**Clir Renewables**

Vancouver, Canada | Sep 2021 – Dec 2021

Software Development Engineer Intern

Python, Java, JavaScript, MongoDB, Docker

- Built and deployed a management software solution, effectively maintaining a portfolio of 1000+ renewable energy assets
- Enhanced code functionality, efficiency, and user experience by introducing new features, writing tests, and integrating changes to the internal tool portal, data access, user authentication, and notification services

**Copysmith**

Vancouver, Canada | May 2020 – Dec 2020

Software Engineer Intern

React + HTML/CSS

- Independently built key-features of the front-end interface for an early-stage startup

**UBC Computer Science Department**

Vancouver, Canada | Oct 2020 – Present

Teaching Assistant

- Led programming labs, office hours and review sessions for over 300 students in principle cs courses
  - Introduction to Software Engineering (CPSC 310), Models of Computation (CPSC 121)

## Personal Projects

**Emotion Classifier API** - Language Models that classify text as one of six emotions

Python

**EasyCC** (NWHacks Honorable Mention) | [devpost.com/software/easyc](https://devpost.com/software/easyc)

JavaScript, CSS, HTML

- Constructed a chrome extension that provides real-time closed captions to overcome hardships of online school
- Integrated tools to capture audio, process speech with Google Speech-to-Text engine, used socket.io to display transcripts

**BikePark Android Application**

Java, XML

- Created an android app that allows users to report bike theft and receive risk assessments for bike theft based on their location, allowing users to make safe and informed decisions for where to leave their bike
- Integrated Google Admob advertisements, formerly on the Google Playstore with users across 18 countries

## Technical Skills

**Languages:** Python, Java, JavaScript, TypeScript, C, C++, HTML, CSS, PHP, SQL

**Technologies:** AWS (Lambda, API, Step Fn, CFN, DynamoDB, S3), Azure, Git, React, Redux, Node.js, MongoDB