

# 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** design and development of an **interactive data visualization tool** that aids developers to migrate from an internal page assembly service
- Took charge of **productionalization** by setting up necessary **pipelines** and **environments**, conducting **threat modeling**, creating essential **certifications**, establishing a robust **support pipeline and policy**, implemented **logging** mechanisms, and updating **documentation**

### 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 our 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 to enable **Page Self-Service-Onboarding** and **Updating**
- Reduced team operation load and improved client experience by working on **multiple services** across **different teams** to automate a process that has **~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

*Python*

- Developed Language Models that classify text as one of six emotions

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

*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