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 assembly service
- Spearheaded **productionalization** by setting up necessary 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 **60% 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 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, 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/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 toreport 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