Shuhaib Mehri

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Professional Experience

University of British Columbia – *NLP Research Assistant* May 2022 – Present

- Conducting research for my honours thesis with Professor Vered Schwartz on the application of instruction tuning for the evaluation of common-sense generative methods

Amazon - *Software Development Engineer Intern* May 2022 – Aug 2022

- Engineered for Amazon's platform independent HTTP interface for **rendering content** that provides customer ready rendered HTML for web pages while giving the client control over the types of content and UI
- 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 - *Software Developer Intern* Sep 2021 – Dec 2021

- Built and deployed a reporting and managing software that maintains **1000+** renewable energy assets
- Used Python, React, Cypress, and gRPC to **develop** and **test** an **internal tool portal, data access, user login** and **authentication** as well as **notification services**
- Integrated changes to deliver sprints on time and within scope, improved functionality and efficiency of code, introduced features, enhanced user experience, fixed bugs and improved communication between services

Copysmith - *Software Engineer Intern* Sep 2020 – Oct 2020

- Independently **built key-features of the front-end interface** for an early-stage startup using React + HTML/CSS
- Directed the design process and collaborated alongside other designers with a product driven mindset

University of British Columbia – *Undergraduate Teaching Assistant* Oct 2020 – Present

- 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 Machine Learning Language Models that classify text as anger, joy, love, sadness, surprise, or fear
- Built an API for a Stacking Ensemble Model that achieved **90.55% Accuracy**:

EasyCC–NWHacks Honorable Mention | *JavaScript + CSS + HTML* | devpost.com/software/easycc

- Constructed a chrome extension that provides **real-time closed captions** to overcome hardships of online school
- Integrated tools to capture audio using Node.js, processed speech into Google Cloud's Speech-to-Text engine, used socket.io to display transcripts

BikePark Android Application | *Java + XML*

- Created an android app where a user can 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, JavaScript, TypeScript, Java, C, C++, HTML/CSS, PHP/MySQL
Technologies: AWS (Lambda, API, Step Fns, CloudFormation, DynamoDB, S3), Azure, Git, React, Redux, Node.js, MongoDB, Docker

Education

B.Sc. Honours Computer Science | **University of British Columbia** – *4.0 GPA* Sep 2019 - Present

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; Intamurals;