




# Shuhaib Mehri

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## PROFESSIONAL EXPERIENCE

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**Amazon - Incoming Software Development Engineer Intern** Jan 2022 – Present

**UBC Computer Science – NLP Research Assistant** Sep 2022 – Present

- Conducting research for my honour's **thesis** with Professor Vered Schwartz on the evaluation of generative tasks

**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 for 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

**UBC Computer Science – 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

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### Emotion Classifier API | Python

- Developed Language Models that classify text as anger, joy, love, sadness, surprise, or fear

### EasyCC–NWHacks Honorable Mention | JavaScript + CSS + HTML | [devpost.com/software/easycc](https://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

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**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

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**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; Intramurals;