# Shuhaib Mehri

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## PROFESSIONAL EXPERIENCE

**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 enabling of **Page Self-Service-Onboarding and Updating** by designing and developing a command line interface that **generates** consumer ready metadata then **registers** it using cloud computing
- 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**:
  - Base Models: Naïve Bayes, Random Forest, Logistic Regression + Meta Model: Random Forest

**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 **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;