




Shuhaib Mehri

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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;

PROFESSIONAL EXPERIENCE

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

- Working on **Dram**, Amazon's platform independent HTTP interface for **rendering content**, which provides customer ready rendered HTML for web pages while giving the client control over the types of content and UI
- Reduced team operation load and improved client experience by **enabling publisher-side logic for Page Self-Service-Onboarding and Updating** and automating a process that takes up to **10 days**
 - Page onboarding + updating had a **10-day SLA** with **~5 requests/week**
- Designed and implemented a CLI that generates consumer ready metadata which is then validated, registered, and stored onto an AWS S3 database. This required working on multiple services and across different teams

Software Developer Intern | **Clir Renewables** 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

Software Engineer Intern | **Copysmith** 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

CS Teaching Assistant | **University of British Columbia** 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* | emotion-classifier.shuhaibmehri.repl.co

- 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), Git, React, Redux, Node.js, MongoDB, Docker