Shuhaib Mehri

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Work Experience

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

- Incoming intern as of May 2022

Software Developer Intern | **Clir Renewables** Sep 2021 – Dec 2021

- Built and deployed a reporting and managing software that maintains over 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, ensuring on time deployment and increasing team reliability
- Integrated changes to deliver sprints on time and within scope, improve functionality and efficiency of code, introduce features, enhance user experience, fix bugs as well as improve 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 and HTML/CSS
- Worked hand-in-hand with a designer throughout the design process to implement concepts

CS Teaching Assistant | **University of British Columbia** Oct 2020 – Present

- Graded course material, ran labs, office hours and review sessions for over 300 students in principal cs courses
  - Introduction to Software Engineering (CPSC 310), Models of Computation (CPSC 121)

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;

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 with 90.55% Accuracy:
  - Base Models: Naïve Bayes, Random Forest, Logistic Regression + Meta Model: Random Forest

WhatsThisSong | *HTML + CSS + JS* | shuhaibm.github.io/WhatsThisSong

- Designed and implemented a web application that allows one to discover the music playing around them
- Allow a user to capture song audio, prepare the audio and process it into the Shazam Core API, retrieve relevant information and provide it to users, all in a user-friendly manner

MyNotes | *Node.js + MongoDB*

- A program where a user can add/remove objects from a MongoDB Atlas database and perform a search that uses a dynamic programming algorithm to sort results by relevancy

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
- Formerly on the playstore with over 50 users, with Google Admob advertisements integrated

Personalized Strength Program Website | *JavaScript + CSS + HTML* | Try it out!