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Employment

Junior Data Analyst, COOP **CRA** **Summer 2023**

- Created reports using **Cognos BI** to assist Officers conduct their jobs
- Utilized **SAS VIYA** to analyze data and extract graphs for officers.

Software Developer, COOP **CBSA** **Spring 2022 – Spring 2023**

- Designed and implemented **Front End UI** using **Java** to store HTML streams in an **MySQL** Database
- Lead the development of an email filing system which saved **80%** of officer time.

Junior Data Analyst **Transport Canada** **Summer 2020**

- Used **Visual Basic** to automate data analysis on rail data saving officers 30% of time.
- Created risk assessment applications in Visual Basic for efficient rail evaluation, enhancing safety and decision-making of officers.

Education

Ottawa, ON **University of Ottawa** **Fall 2018 – Winter 2023**

- BAsC in Computer Engineering
- Relevant Courses: Databases; Operating Systems; Data Structures and Algorithms; Programming Paradigms;

Projects

Clarify Smart Mirror

- Lead the development of the phone application utilizing **React Native** to develop and **Expo Go** to host

Touch Typing Trainer

- Touch typing **web application** which allows user to practice practice typing without looking at keys.
- Utilized **React.JS** and **TailwindCSS** for front-end and the Framer Motion library to add animations.

Full Stack Hotel Booking Site

- Utilized PERN stack for web development of hotel booking app
- React.JS and bootstrap were used as the front-end design
- Tools: **React Native, JavaScript, Expo Go**

Gym Booking Bot

- Utilizes **python** and the selenium api to automatically book gym timeslots

Languages and Technologies

- **Languages:** Java; Python; C++; Golang; SQL; JavaScript; HTML; CSS; Kotlin; TypeScript
- **Frameworks and Libraries:** React.JS; Node.JS; TailwindCSS; React Native; Angular;
- **Tools:** MySQL; PostgreSQL; FireBase; App Development; GIT/github; Software Development; Jira;

Additional Experience and Awards

- **Machine Learning on Google Cloud Specialization:** Used Vertex AI AutoML and BigQuery ML to build, train, and deploy ML models