

Employment

Canada Revenue Agency **Junior Data Analyst** **Summer 2023**

- Created reports using **Cognos BI** to analyze CRA Appeals data of ongoing cases.
- Utilized **SAS VIYA** to analyze data and extract graphs for officers.

Canada Border Services Agency **Software Developer** **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.
- Built and maintained an interactive database system using **Java** and **SQL** used by officers

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

- Created risk assessment applications in **Visual Basic** for efficient rail evaluation, enhancing safety and saving officers **30%** of their time

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 app using **React Native** to build and **Expo Go** to host
- Utilized **Electron.JS** to create the mirror front end hosted on the Raspberry Pi

Touch Typing Trainer

- Touch typing **Web Application** which allows user to 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 **React.JS** and **bootstrap** to build a scalable and user friendly front end
- Created a backend with **PostgreSQL** and used **Node.js** for server side logic

Gym Booking Script

- Created script which automatically booked school gym timeslots during code with **Python** and the **Selenium API** to webscrape

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