Inaya Rajwani

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Summary of Qualifications

- **Languages, frameworks/tools:** Python, JavaScript, HTML, CSS, Java, SQL, React, Scikit-Learn, pandas, NumPy, Figma, Visual Studio, VB.Net, Linux, Git, Microsoft Office, Microsoft Power Platform, Google Workspace, Elixir, Atlassian Suite
- Excellent communication, critical-thinking, computer literacy, team working and leadership skills as a member of Computer Science Course Union and Women in Computer Science.
- Detail-oriented problem solver, quick learner, and self-starter with **1+** years of experience as a collaborative data analyst.

Experience

Analytics Associate (Data and Business) | Workplace Safety Insurance Board   May 2024 – Dec 2024

- Developed complex **SQL queries, Python** scripts and **Excel formulas** to compare **30,000+** records between large-scale cloud and local databases, ensuring data integrity during migration.
- Designed and developed an integrated **business activity management app** in collaboration with team members using the **waterfall model**, **Power Apps**, and **Power Automate** to streamline transactions between clients and WSIB employees.
- Coordinated and liaised **requirements gathering** and managed **change initiatives** between the app development team and business representatives using **Miro** and **Confluence** to manage communication on topics of mutual concern.

Junior Data Analyst | Environment Climate Change Canada   Jan 2023 - Aug 2023

- Developed a hierarchical national classification system to categorize weather data by analyzing **1000+** natural disaster alerts.
- Co-led the development of the **automation** process for the data compilation of the WeatherCAN app, optimizing performance for efficient **Power BI** report deliverables.
- Evaluated the **Outlook REST API** along with **SFTP** and **Power Automate** using a **virtual machine** group email, ensuring an optimal, user-friendly solution to support automation.

Data Analyst Intern | Workplace Safety Insurance Board   May 2022 - Sept 2022

- Developed **8,000 test cases** to identify and document defects in the WSIB web application, while optimizing the testing process through **Excel** graph and table manipulations.
- Revitalized insurance data for **300,000+** workplaces in Ontario using **SQL**, deriving insights from an advanced **Exadata** database.

Projects

AAEIR HealthCare System | *JavaScript (React), CSS, HTML, Python*   *GitHub*

- Developed a web application with a focus on front-end and back-end functionalities to automate and streamline IT servicing tickets.
- Used key software development methodologies such as the **Agile method**, **architecture diagrams**, and design thinking.

Veri-Thread | *Motoko*, NextJS, Typescript, CSS   *GitHub*

- Awarded **1st place** in the **blockchain** division of Hack the Valley 2024
- Developed a transparent, sustainable mobile fashion application using **Motoko**, enabling users to trace the entire production journey with **safety contracts** and **ICP token** rewards for supporting ethical manufacturing.
- Developed an **API** to integrate QR code scanning from front-end development, retrieving data for back-end development

LearnToRead | *Python, Google Vision API, Tesseract Text-to-Speech, HTML*   *GitHub*

- Developed and **debugged** a full-cycle program to support visually impaired students by leveraging **Google Vision API** to convert learning materials from text to speech.

Education

Computer Science | Toronto Metropolitan University   2020-2025 (expected)
B.Sc. (Honours)(Co-op)

- **Courses**: Data Structures, Computer Science I, II (Python, Java), Database Systems, Software Engineering I, Machine Learning(predictive modeling), Computer Security, Human-Computer Interaction, Artificial Intelligence(NLP)
- **Leadership**: Women in Computer Science, Computer Science Course Union