Hailey D'Souza

hdveronica50@gmail.com | (437) - 882-9689 | linkedin.com/in/HaileyVDsouza | github.com/HaileyDsouza

EDUCATION

ONTARIO TECH UNIVERSITY   Sept 2020 - April 2025

BSc IN COMPUTER SCIENCE HONOURS CO-OP with a specialization in Data Science   Oshawa, Canada

Courses: Data Structures, Software Systems Development & Integration, Software Design and Analysis

SKILLS

LANGUAGES   Python, JavaScript, C++, HTML, CSS, SQL, Kotlin

TOOLS/FRAMEWORKS   Git, React, Visual Studio, Node.js, Django, Android Studio, VueJS, UNIX, Docker, Gradle

EXPERIENCE

ONTARIO LOTTERY & GAMING CORPORATION   Aug 2022 - Aug 2023

DIGITAL ANALYTICS ANALYST INTERN   Toronto, ON

- Created processes in **Cloudera Data Science WorkBench** to automate tasks, enabling co-workers to **4** extra hours of FTE per week and reducing failure by **100%** for a vital weekly script needed by several departments
- Developed scripts using **Python** and **SQL** to obtain statistical data for ad-hoc requests, resulting in **database query optimization**
- Streamlined existing reporting processes using **Jupyter Notebook** to address time sensitive daily insight requests from the Finance department
- Created a self-service automated **PowerBI** dashboard, providing invaluable insights to the Payments Lab resulting in data-driven decision making

CODE NINJAS   Dec 2022 - June 2023

SOFTWARE PROGRAMMING INSTRUCTOR   Markham, ON

- Guided **48** students weekly through game development using **JavaScript**
- Debugged student solutions and taught coding concepts, enabling students to learn basic **data structures and algorithms**
- Coordinated March break camp programs for **100+** students focusing on technical and professional development

BRILLIANT CATALYST   April 2023 - May 2023

WEB DEVELOPER   Oshawa, ON

- Developed responsive web pages for the company Canamatoes using **HTML, CSS and JavaScript** with Velo APIs
- Optimized the user interface for increased responsiveness, achieving an improved user experience for customers
- Tested and debugged code to ensure cross-browser compatibility and optimal performance

PROJECTS

PORTFOLIO| https://haileydsouza.github.io/HaileyDsouza   **JavaScript, HTML, CSS**

- First web application developed to highlight my experiences, projects and fun facts about myself

RECIPE APP| https://haileydsouza.github.io/RecipeApp   **JavaScript, HTML, CSS**

- Developed a recipe web app where users can search up ingredients that showcase a variety of recipes and videos
- Implemented json **REST APIs** that fetch recipes from around the world, accessed through TheMealDB database
- Designed with web responsive pages that are optimized for mobile devices

TIP CALCULATOR APP| **Kotlin, Android Studio**

- Created a mobile app that calculates the total payment when given the base amount and tip percent
- Developed the application using Android Studio to boost UI rendering

PEDOMETER APP| **Kotlin, Android Studio**

- Built a mobile app that takes the users Activity Recognition permission and displays the number of steps walked