

Navjeet Doad

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EXPERIENCE

Incoming Data Quality Intern

Sept 2022 – Dec 2022

McCain Foods Limited

Toronto, ON

- Investigated data quality issues by performing **data discovery**, **data health checks** and **root cause analysis**
- Produced insights on current data health and recommended data quality to ensure optimal data health
- Translation of business rules to technical code in **Python** and **SQL**
- Created **self-serving data quality tools** and implemented data governance standards
- Made use of tools such as **Python**, **SQL**, **PowerBI** and **Microsoft Azure**

Data Scientist Intern

Jan 2022 – Apr 2022

Legacy Leaders Inc.

Toronto, ON

- Oversaw development of **DonorCompass**, a **machine learning model** that predicts the quality of donors for **over 200** non-profit organizations
- Cleaned, transformed and analyzed various client data in order to draw conclusions
- Created, trained and tested many machine learning models to increase the overall models accuracy by **20%**
- Leveraged tools such as **Python**, **Pandas**, **sklearn**, **matplotlib**, **SQL**, **Excel** and **PowerBI**

Junior Machine Learning Developer

Jul 2021 - Aug 2021

AltaML

Calgary, AB

- Collaborated with **Rogers Sports and Media** on developing an artificial intelligence use case
- Utilized **Azure Computer Vision** to develop Rogers Sports and Media's tracking of NHL players
- Established a **machine learning object detection model** that operates with **83%** accuracy

PROJECTS

Shovel Knight | *Java, LibGDX, Tiled*

Apr 2019 – June 2019

- Developed a recreation of the side scrolling platformer game Shovel Knight
- Created in **Java**, along with the **LibGDX** graphics library
- Created a game map using the **Tiled** map editor, and used layers to distinguish the properties of tiles on the map
- Made use of **object oriented programming** and **data structure skills** to create the project

Graphic Design Application | *Python, Pygame*

Dec 2017 – Jan 2018

- Developed a functional graphic design application that included features such as drawing, painting, text, flood-filling, undo/redo capabilities, etc.
- Developed in **Python** using the **Pygame** library for graphical purposes
- Employed knowledge of data structures, data types and graphics in order to fully develop the project

Audio Streaming App | *JavaScript, React.js, Node.js*

May 2021 – June 2021

- Developed an audio streaming app which lets users stream music while simultaneously viewing lyrics for songs
- Developed using **React.js** for the frontend, **Node.js** for the backend, and the **Spotify API** to make requests

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Mathematics in Combinatorics and Optimization, Minor in Computing

Sept. 2020 – Current

AZ-900 and AI-900

Azure Fundamentals and Azure AI Fundamentals

June 2021 – July 2021

- Certified in AZ-900 and AI-900
- Studied the fundamentals of Azure and Azure AI, such as **cloud concepts**, **security**, **privacy**, **machine learning**, **artificial intelligence** and **related Microsoft Azure services**

TECHNICAL SKILLS

Languages: Python, Java, C, SQL, JavaScript, HTML/CSS, R

Tools/Libraries: Git, Microsoft Azure, Excel, PowerBI, pandas, NumPy, Matplotlib, sklearn