Navjeet Doad

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## 💼 Professional Experience

Junior Machine Learning Developer, *AltaML* ⬀   07/2021 – 08/2021 | Calgary, Canada
- Worked with **AltaML** and **Rogers Sports & Media** on an artificial intelligence use case
- Used **Azure Computer Vision** to enhance Rogers Sports and Media's tracking of NHL players
- Created a **machine learning object detection model** that operates with **83%** precision

🗂 Projects

Audio Streaming App ⬀   05/2021 – 06/2021
- An audio streaming app which lets users stream music while simultaneously viewing lyrics for songs
- Created using **React.js** for the frontend, **Node.js** for the backend, and the **Spotify API** to make requests

Travel Log Application ⬀   04/2021 – 05/2021
- A full stack application which allows users to keep track of where they've travelled in the world
- Allows users to create a log of various locations that they have travelled to on a map of the world
- Created using **React.js** for the frontend, along with **Express**, **Node.js** and **MongoDB** for the backend

Shovel Knight ⬀   04/2019 – 06/2019
- A recreation of the notorious side-scrolling platformer game Shovel Knight
- Created in **Java** using **Object Oriented Programming** and the **LibGDX** framework
- Created a game map using the **Tiled** map editor, and used layers to distinguish the characteristics of various tiles

Graphic Design Application ⬀   12/2017 – 01/2017
- A functional graphic design application that includes features such as painting, text, flood-filling, and undo/redo capabilities
- Developed in **Python** using the **Pygame** framework to make use of graphical capabilities

Personal Website ⬀   01/2021
- A personal website made for the purpose of keeping track of myself and my achievements
- Includes my personal portfolio, my personal blog, and my resume
- Created using **HTML** and **CSS** for the frontend

🎓 Education

BMath (Projected Major in Combinatorics and Optimization),   09/2020 – present
University of Waterloo
- **CGPA**: 3.7/4.00
- **Relevant Courses:** Designing Functional Programs, Elementary Algorithm Design and Data Abstraction, Data Types and Structures, Probability

AZ-900 & AI-900, *Microsoft*   07/2021 – 08/2021
- Certified in **Azure Fundamentals** (AZ-900) and **Azure AI Fundamentals** (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**

CS50's Introduction to Game Development, *edX Harvard University*   06/2020 – 09/2020
- An introduction course to game development taught in Lua using the **Love2D** software, along with **C#** and **Unity**

🧠 Technical Skills

Programming Languages/Markups: **Web Development**
Java, Python, Scheme, C, R, LaTeX, Azure, Pandas   HTML, CSS, JavaScript, React.js

📑 Certificates

- AZ-900 ⬀   • AI-900 ⬀