ALI NAQVI

(647)-997-0548 alinaqvi8014@gmail.com ali1naqvi ali-naqvi

EDUCATION

Bachelor of Computer Science (Honors) - **University of Windsor**

Sept 2019 – April 2023

- **Relevant Courses:** Artificial Intelligence Concepts, Data Structures & Algorithms, Integral Calculus, Linear Algebra, Statistics for the Sciences, Obj-Oriented Programming using Java

SKILLS

PROGRAMMING: Python, Java, JavaScript, HTML/CSS, C, SCSS, SQL

TECHNOLOGIES: ReactJS, Linux, Git, Bootstrap

MACHINE LEARNING: Sci-kit library, Tensorflow, Keras

LANGUAGES: English, Urdu

EXTRACURRICULAR

- **Website Coordinator** | A.I Club, Designed the club website using Jekyll and GitHub Pages. (2022-2023)
- **Website Coordinator** | STEMxPolicy, Designed and continuously facilitate two club websites using Wix and WordPress. (2021-2023)
- **General Member** | App Development Club, Assisted in designing an app used to alert students of school events, daily announcements, and set up a calendar for their use using Java. (2019)
- **General Member** | After School Programming Club, Collaborative work with other students for various different projects such as a bank management system using Java and an attendance system using C. (2019)

EXPERIENCE

Teaching Assistant - **University of Windsor**

January 2022 – Present Windsor, ON

- Responsible for lab instruction, marking, and holding office hours for **over 100 students** in a core undergraduate course (**Operating Systems**)

Student Assistant Teacher - **Lyceum Learning Center**

March 2019 – July 2019 Windsor, ON

- Assisted in instructing key concepts from courses such as functions, advanced functions, and calculus.
- Facilitated students' understanding of courses and improved their methods of studying.

PROJECTS

Comparative Analysis of Convolutional Analysis

September 2022 – October 2022

- Designed and implemented a CNN architecture on the MNIST dataset
- Achieved an accuracy of **99.45%** on the dataset.
- Created using **Tensorflow**, **Keras**, and **NumPy**.

Supervised Model Efficiency

March 2022 – April 2022

- Implemented **support-vector machines**, **neural networks (perceptron)**, **decision trees**, and **k-nearest neighbor** models on a dataset
- Compared each model with its best hyperparameters by the accuracy on the dataset.
- Achieved a high accuracy of **98.13%** on the dataset.
- Created using **Scikit-library**, **Pandas**, and **NumPy**.

Art-Portfolio Website

March 2022 – April 2022

- A web application inspired by Spotify and Windows UI showcasing art pieces.
- Created using **Reactjs**, **Javascript**, and **HTML/CSS**.