Faraz Naseem

📞 +1(519)-987-4820 | ✉ naseemf@uwindsor.ca | in linkedin.com/faraz-naseem | ⌨ github.com/farazn019 | 🌐 farazn019.github.io

EDUCATION

University Of Windsor   Windsor, Ontario
Bachelor of Science (Co-op) Honours in Computer Science   *September 2019 - May 2023*
- GPA: 88%
- **Sample Coursework**: Object Oriented Software Analysis And Design, Data Structures and Algorithms, Object Oriented Programming In Java, Database Management Systems, Systems Programming, Linear Algebra, Calculus 1 & 2

TECHNICAL SKILLS

Languages: Java, Python, C, C++, JavaScript, SQL, HTML, CSS, XML, Bash
Frameworks and Libraries: Tensorflow, Pytorch, Django, Flask, Node.js, pandas, PyTest, numpy, Bootstrap
Database Technologies: MySQL, PostgreSQL, CosmoDB, Oracle SQL Server
Developer Tools: Microsoft Azure, Google Cloud Platform, Git, Linux, Windows, Postman, Anaconda, Android Studio

WORK EXPERIENCE

Backend Developer Intern   May 2021 – Present
Analyticly Solutions   *Remote*
- Maintain existing Microsoft Azure services (DevOps pipelines, PostgreSQL, CosmosDB, Function Apps).
- Integration of REST API endpoints using Flask.
- Utilized PyTest with Postman to create Unit Tests for **6 API endpoints**.
- Convert existing machine learning models from Tensorflow to Pytorch.

Software Engineer Intern   January 2021 – April 2021
RIIS LLC   *Remote*
- Utilized Roboflow.com to annotate more than **16000 sheep images** across **700 files** to train, validate, and test the Machine Learning algorithm.
- Integrated **Python**, **Tensorflow**, **Keras**, and the **Hive API** in Google Colab to create a Machine Learning image recognition algorithm which identifies farm animals and increased the **accuracy from 73%** to **93%**.
- Integrated Java Web Services application with local MySQL Environment, and connected application with ETA Detroit android app to view public transportation time and dates in the Detroit Metropolitan Area.

Research Assistant   Sep. 2020 – December 2020
University Of Windsor   *Remote*
- Led development in the creation of an interactive notebook for Dr. Yufeng Tong's Bio-Informatics course using: Python, Jupyter Notebook, BioPython, and NGLView.
- Utilized RCSB PDB API in BioPython, to create protein images with **94% accuracy**, and reduced **rendering time by 25%**.

Teaching Assistant   May 2020 – Present
University Of Windsor   *Remote*
- Courses: Introduction To The Internet (Summer 2020), Programming In Python (Fall 2020, Summer 2021), Computer Architecture: Digital Design (Winter 2021).
- Provided valuable feedback to more than **100 students** by marking labs, and ensuring that every student had a clear understanding of the concepts, resulting in a **10% increase** of the class average during the duration of this course.

Projects

myschoolgrades.com | *Python, Django, HTML, CSS, MySQL, Git*

- Developed a web application with Django allowing registered users to add, remove, or modify grades of courses
- Created a table in React.js to show users course grades
- Stored users login credentials and grades in MySQL database
- Used Namecheap CPanel to host website

Dow Jones | *Python, Yahoo Finance API, Tkinter, Matplotlib, Pandas, Numpy, Excel, Git*

- Developed a Graphical User Interface using TKinter to plot stock price data for companies in the Dow Jones.
- Collected stock price data using the Yahoo Finance API, and stored data in Excel File
- Converted the data in Excel file to price-time data using Pandas and Numpy
- Plotted the price-time data using matplotlib on a Tkinter Interface