Faraz Naseem

(519) 987-4820 | naseemf@uwindsor.ca | linkedin.com/in/faraz_naseem | github.com/farazn019 | Windsor, ON, Canada

TECHNICAL SKILLS

- **Languages**: Java, Python, C, C++, C#, Ruby, JavaScript, SQL, HTML, CSS, XML, Bash
- **Libraries/Frameworks**: Tensorflow, Django, Flask, Express.js, Rails, React.js, Selenium WebDriver, JUnit, pandas, Bootstrap
- **Databases:** MySQL, PostgreSQL, Firestore, MongoDB, Oracle SQL Server
- **Developer Tools**: Microsoft Azure, Google Cloud Platform, Node.js, Git, Docker, Gitlab, RESTful API, Linux

EDUCATION

University of Windsor Windsor, ON, Canada
Bachelor of Science In Computer Science Sept 2019 - May 2023
GPA: 88% (3.52/4.0)
Coursework: Data Structures and Algorithms, Object Oriented Software Analysis and Design, Object Oriented Programming in Java, Systems Programming, Computer Architecture: Digital Design
Teaching Assistant: Data Structures and Algorithms (Fall 2021), Programming For Beginners In Python (Summer 2021, Fall 2020), Computer Architecture: Digital Design (Winter 2021), Introduction To The Internet (Summer 2020)

EXPERIENCE

Incoming Software Developer Intern Kitchener-Waterloo, ON, Canada
OpenText September 2021 – December 2021

- Will develop automated tests that utilize technologies such as Postman, Selenium Webdriver, Javascript, Gitlab and CI/CD Pipleline to automate tests focused on the UX and the REST APIs.

Backend Developer Intern Toronto, ON, Canada
Analyticly Solutions May 2021 – Aug 2021

- Implemented 5 API endpoints in Flask to reduce response time from machine learning model to Flask API **by 40%**.
- Modularized Python code to send asynchronous web requests to Flask app, reducing Azure VM **costs by 35%**.
- Converted financial data through different units of time by satisfying the integrity of 50 Unit Tests, resulting in a **100% conversion accuracy**.
- Integrated GMail REST API with Twilio Message Service API, and Azure data pipeline to send early warning data at time intervals specified by the user.

Software Engineer Intern Windsor, Ontario, Canada
RIIS LLC Jan 2021 - Apr 2021

- Implemented object detection algorithm with Tensorflow using Convolutional Neural Networks, to identify cars in a parking lot, and achieved a **mean average precision of 89%**.
- Annotated more than 16000 sheep images across 700 files to train, validate, and test Object Detection algorithm to find sheep.
- Optimized Object Detection algorithm using Tensorflow for detecting sheep resulting in accuracy increasing from **73% to 93%**.
- Integrated Java Web Services API with MySQL database, and connected API to ETA Detroit android app to view public transportation time and dates in the Detroit Metropolitan Area.

Undergraduate Research Assistant - Web Development Windsor, Ontario, Canada
University Of Windsor: Department Of Bio-Chemistry Sept 2020 - Dec 2020

- 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 Protein Bank API in BioPython, to fetch data for protein images, and rendered images with a **94% accuracy**.
- Optimized Python code to display protein images, by removing protein images once rendered, thus **reducing execution time by 25%**.

SIDE PROJECTS

myschoolgrades.com *Django, Python, HTML, CSS, JavaScript, SQL, MySQL*

- Hosted website on CPanel, by integrating Django, Python, HTML, CSS, and JavaScript with MySQL database to store user's email addresses and course grades.

myschoolgrades.com *Python, pandas, numpy, matplotlib, TKinter, Yahoo Finance API*

- Used Yahoo Finance API to fetch stock data, and plotted the data using matplotlib, numpy, and pandas, on a Graphical User Interface created in TKinter.

uwin.ai *Node.js, Express.js, React.js, JavaScript, HTML, CSS, MongoDB*

- Currently developing a full-stack web application for the University Of Windsor's Artifical Intelligence Club on an AWS EC2 instance using: Node.js, Express.js, React.js, MongoDB, and Docker.

AWARDS AND ACCOMPLISHMENTS

2019 - 2021 Dean's Honour Roll: Received an average of 89% during freshman year, and an average of 87% during Sophomore year.
2019 - 2020 ACM ICPC Contest: Received third place in the 2019 - 2020 ACM ICPC Contest, and moved on to the Regional Competition.
2020 Google Code Jam: Received 2nd place in the Windsor Region by accumulating more than 10,000,000 points.