

Faraz Naseem

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EDUCATION

University Of Windsor

Bachelor of Science (Co-op) Honours in Computer Science

Windsor, Ontario

September 2019 - May 2023

WORK EXPERIENCE

Software Engineer Intern

January 2021 – April 2021

RIIS LLC

Remote

- Creating a Cattle Counter algorithm using Python, Tensorflow, Keras, and Jupyter Notebook to successfully identify farm animals.

Database Programmer

January 2021 – April 2021

University Of Windsor

Remote

- Launch and develop database web application using PHP, Python, Java, MySQL, and Weka data-miner.
- Implement, design, test and analyze database research algorithms.

Software Engineer Intern

September 2020 – December 2020

Curbn

Remote

- Integrated JavaScript with Wordpress website and MySQL database, to limit users to one lesson every day.
- Used Learndash plugin to send emails to registered users upon the completion of a course or lesson

Research Assistant

Sep. 2020 – Present

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 99% 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), 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

TECHNICAL SKILLS

Languages: Python, Java, Kotlin, C, C++, JavaScript, Ruby, SQL (MySQL), HTML, CSS, XML

Frameworks and Libraries: Tensorflow, Keras, Django, Flask, React.js, Bootstrap

Developer Tools: Git, Linux, VS Code, Jupyter Notebook, PyCharm, IntelliJ, Android Studio