Faraz Naseem

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EDUCATION

University Of Windsor   Windsor, Ontario
Bachelor of Science (Co-op) Honours in Computer Science   *September 2019 - May 2023*
- GPA: 88%

EXPERIENCE

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 Engineering Intern   September 2020 – Present
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. 2019 – 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 2019 – 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, C, C++, JavaScript, Ruby, SQL (MySQL), HTML, CSS
Frameworks: Django, Flask, React, Bootstrap, Tkinter, WordPress
Developer Tools: Git, Linux, VS Code, Jupyter Notebook, PyCharm, IntelliJ, Android Studio, Excel
Libraries: Pandas, NumPy, Matplotlib