

# Faraz Naseem

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## EDUCATION

### University Of Windsor

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

- GPA: 88%

Windsor, Ontario

*September 2019 - May 2023*

## EXPERIENCE

### Database Programmer

*University Of Windsor*

January 2021 – April 2021

*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

*Curbn*

September 2020 – Present

*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

*University Of Windsor*

Sep. 2019 – Present

*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

*University Of Windsor*

May 2019 – Present

*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