

Windsor, Ontario, Canada  
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# FARAZ NASEEM

Website: farazn019.github.io  
Github: github.com/farazn019

## PROFESSIONAL EXPERIENCE

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Web Developer	Plugged-In	July 2020 - Present
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- Responsible for creating front-end of startup which has potential to reach thousands of students using: HTML, CSS, and JavaScript.
- Contributed in creating the backend of this application using Flask as the backend framework and MySQL as the database

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Research Assistant	University Of Windsor	September 2020 - Present
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- Actively working with Dr. Yufeng Tong from the Bio-Chemistry Department to create a system where fourth year Bio-Chemistry Students can take a Bio-Informatics Course online. This system will be developed using Jupyter Notebook and BioPython.
- Actively working with Dr. Drew Marquardt, to solve Chemical Oxidation and Chemical properties of various structures in the form of Differential Equations, using the Scipy library.

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Teaching Assistant	University of Windsor	May 2019 - Present
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- Courses: Introduction To The Internet (Summer 2020), Programming In Python (Fall2020)
- TA for Introduction To The Internet, by demonstrating exceptional knowledge of HTML and CSS, thus being responsible for teaching dozens of students fundamental topics in web development.

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## EDUCATION

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Windsor, Ontario	University of Windsor	September 2019 - May 2023
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- BSc Honors In Computer Science
- GPA: 90%
- 2019-2020 Honour Roll Recipient
- Sample Coursework: Data Structures And Algorithms, Object Oriented Programming In Java, Introduction To Programming In C, Computer Architecture: Digital Design, Introduction To Statistics, Calculus 1, Calculus 2, Linear Algebra

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## PERSONAL PROJECTS

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- myschoolgrades.com | Currently working on an Online Grading System where users can: add, remove, or modify their grades for courses they have already taken. This website was developed using: Django, MySQL, HTML, CSS, and JavaScript.
  - Dow Jones Application | Desktop application allowing users to view stock prices of 30 companies in the Dow Jones. The data of the 30 companies was collected using Yahoo Finance API, and converted with 100% accuracy rate to be plotted using: Matplotlib, Pandas, and Numpy.
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## EXTRACURRICULARS AND AWARDS

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- 2019 ACM ICPC Regional Contestant: Only freshmen team that made it to the regional competition out of 15 competing teams.
  - 2<sup>nd</sup> Place In 2020 Regional HashCode Competition: Awarded 2<sup>nd</sup> place in the Windsor region by accumulating more than 10000000 points.
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## Languages and Technologies

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- Python, C++, Java, JavaScript, HTML, CSS, XML, SQL
  - Django, Flask, Bootstrap, JQuery, Pandas, Scipy, BioPython, Numpy, Matplotlib
  - Git, MySQL, Linux, Windows, Jupyter Notebook, Visual Studio Code
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