

Faraz Naseem

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EXPERIENCE

CURBN | SOFTWARE ENGINEERING INTERN

September 2020 – February 2021 | Remote

- Will design course sequence algorithm giving users learning paths based on performance on quizzes and tests.
- Will be responsible for updating Wordpress website, using PHP, HTML, CSS, and JavaScript.

UNIVERSITY OF WINDSOR | RESEARCH ASSISTANT

September 2020 – Present | Windsor, ON

- 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, PyRosetta, and PyMol.
- 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.

UNIVERSITY OF WINDSOR | TEACHING ASSISTANT

May 2020 – Present | Windsor, ON

- 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.

PLUGGED-IN | WEB DEVELOPER

July 2020 - September 2020 | Windsor, ON

- 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

EDUCATION

UNIVERSITY OF WINDSOR | BSC HONOURS IN COMPUTER SCIENCE

Expected May 2023 | Windsor, ON | GPA: 90%

SIDE PROJECTS

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.

PROGRAMMING

LANGUAGES

Python, Java, Ruby,
C++, C, PHP, SQL,
JavaScript, HTML,
CSS, XML, Bash

OTHER TECHNOLOGIES

Git, MySQL, Linux, Windows,
Jupyter Notebook, Wordpress,
Android Studio, Visual Studio Code

LIBRARIES & FRAMEWORKS

Django, Flask, Bootstrap, JQuery, Scipy,
Matplotlib, BeautifulSoup4, PyRosetta,
Pandas, PyMol, JQuery, Numpy