

Faraz Naseem

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EXPERIENCE

CURBN | SOFTWARE ENGINEERING INTERN

September 2020 – February 2021 | Remote

- Designed course sequence algorithms giving users learning paths based on performance on quizzes and tests
- Created WordPress plugins using PHP to integrate course sequences together

UNIVERSITY OF WINDSOR | RESEARCH ASSISTANT

September 2020 – Present | Windsor, ON

- Created interactive system for Dr. Yufeng Tong's Bio-Informatics Course using Python, Docker, Jupyter Notebook, PyRosetta, PyMol
- Implemented solutions for Differential Equations representing Chemical Oxidation and Chemical Reactions for Dr. Drew Marquardt, using Python, Matplotlib, Scipy, and Jupyter Notebook.

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

- Created front-end of startup 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

Actively 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, Docker, Linux, Windows,
Jupyter Notebook, Wordpress,
Android Studio, Visual Studio Code

LIBRARIES & FRAMEWORKS

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