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EDUCATION

University of Waterloo 2017 - 2022
Candidate for Honours Bachelor of Computer Science

Wilfrid Laurier University 2017 - 2022
Candidate for Honours Bachelor of Business Administration Awarded \$7000 in Scholarships

SKILLS

Proficient: Python, C, JavaScript, HTML, CSS, MySQL, Excel
Familiar: Java, C++, C#, ActionScript, Scheme, Git, Terminal
Frameworks/Libraries: jQuery, React, Node.js, AngularJS, NumPy, Pandas, BS4

WORK EXPERIENCE

Motoinsight (Unhaggle) January 2019 - April 2019
Python Programmer Co-op

- Conceptualized and developed a Python program that scrapes web data from Motoinsight's commercial website to detect and output erroneous car model information and empty images, leveraging Selenium and BeautifulSoup libraries to allow the program to automatically scale to new car models. Resulted in an 80% decrease in time spent searching for errors compared to manual methods.
- Spearheaded advertising campaigns to Motoinsight's subscriber list by scripting programs to extract, merge, format, and visualize consumer data as well as dealership offers using NumPy and Pandas. Promoted compiled dealership offers through MailChimp, increasing leads by 30% and improving the conversion rate from 1.4% in the previous month to 4%.
- Identified and automated repetitive tasks in the data management process including car data parsing, data sheet version merging, and sales visualization through Python scripting. Cut down numerous multi-hour processes to mere seconds.

PROJECTS

Drugs Paint Application Python
Technologies: Tkinter, PIL

- Object-oriented drawing application featuring custom paintbrushes, privacy settings, image saving through the PIL module, and a sleek user interface implemented with the Tkinter library.

Reddit Meaning Bot Python
Technologies: PRAW API, Oxford API, JSON

- Bot script that responds to Reddit comments through the PRAW API with definitions from Oxford API JSON data when commanded with !meaning.

Personal Portfolio Website JavaScript, HTML, CSS
Technologies: jQuery, Bootstrap, JSON, GitHub Pages

- Interactive portfolio website designed to display personal projects and interests, featuring page-jumps, shortcuts, mobile compatibility, and other convenient features implemented with jQuery.

Source code and other projects available at github.com/xxxxxxxx