



Projects

Goals App - React, Redux, Postman, MongoDB, Express, NodeJS

- Utilized the MERN stack to create a goal tracking app with 11 current users.
- Implemented user authentication using JSON web tokens in the backend.
- Demonstrated CRUD allowing users to create, read, update and delete goals.
- Created RESTful APIs to transition goals to MongoDB.

Amazon Web Scraper - Python (pandas, BeautifulSoup, requests)

- Utilized the beautiful soup package to track pricing of targeted products.
- Implemented an option to allow email alerts for users.
- Created opportunity for historical analysis by storing product pricing.
- Incorporated flexible code design to allow use for various products.

Twitter Stock Bot - Python (pandas, numpy, tweepy), Twitter API

- Utilized the yahoo finance stock info library to filter through 100 stocks.
- Evaluated buy and sell choices based on set strategy and open positions.
- Used the Twitter REST API to update to update bot status posts.
- Added functionality to allow historical analysis using pandas.

Experience

Research Assistant | University of Waterloo Faculty of Planning, Waterloo ON

Jan. 2022 – Present

- Contributed to the development of a food and beverage advertisement assessment tool utilized in 8 cities.
- Conducted academic and grey literature searches compiling lists of over 120 relevant sources for 2 research papers.
- Contributed to the writing of a quantitative study that has been submitted for publishing and policy recommendation.

Customer Service Associate | M-Health Solutions Waterloo ON

Sept. 2020 – Dec. 2020

- Conducted over 200 patient interviews to generate accurate data on portable heart monitor device satisfaction, utilizing Microsoft Excel to identify trends.
- Processed approximately 300 patient and clinic interventions daily, into CRM/Medical data entry system.
- Created a video-chat support action plan, motivated by customer feedback, which reduced device application errors by 20%.

Education

University of Waterloo

4A Honours Health Studies: Minor in Computer Science

Graduation 2023-Apr (Expected)

- University of Waterloo Merit Scholarship recipient (2018).
- Deans Honours List (Sept.2018 – Present).
- Cumulative GPA 88.5%
- Major average: 89.92%.

Relevant Courses

Fundamentals of Computer Science – CS 115 | Grade: 95%

- Completed over 36 assignments covering: design, testing, documentation, recursion, lists, trees, functional and data abstraction.

Imperative Programming – CS 116 | Grade: 94%

- Created higher-order functions to improve the readability and efficiency of programs.
- Distinguished between constant, linear, quadratic, and exponential running times of algorithms.

Skills

In order of proficiency: Python, HTML, CSS, JavaScript, MySQL, React, MongoDB

Interests

Recent Shows

- Snowfall
- Animal Kingdom

Recent Reads

- One Piece
- No Longer Human
- How To Make Friends and Influence People