ASAD RAZA

asad23raza.github.io

📞 647-354-9793 ✉️ a48raza@uwaterloo.ca 🔗 linkedin.com/in/24asadraza ⭕ github.com/asad23raza

Education

University of Waterloo: BMATH Honours Statistics **2020 − 2025**
Minor in Computing *Waterloo, Ontario*
GPA: 3.48/4, Math Average: 91.5

Data Science Club, Computer Science club

Relevant Coursework

- Designing Functional Programs
- Algorithm Design and Data Abstraction
- Intro to Statistics and Probability

Technical Skills

Languages: Python, R, C/C++, HTML/CSS, JavaScript, SQL, Latex
Technologies/Frameworks: WordPress, Github, Pandas, NumPy, MatplotLib, PyTest, PyTorch

Projects

Spending Habits Analyzer | *Python, HTML, CSS, Javascript*
- Developed a website which analyzes and returns insights on spending data from a user-supplied CSV file
- Implemented Pandas to report specific statistics such as spending patterns, most visited vendors, most frequent day for spending, etc
- Used statistical probability to predict the users next purchases for the next month
- **Demo link**: something/youtube.com

Sorting Algorithms Visualization | *HTML, CSS, JAVASCRIPT*
- Created an interactive website visualizing common sorting algorithms introduced in first year courses.
- Compares and produces intuitive models of algorithms such as QuickSort, MergeSort, BubbleSort etc.
- Displays the Big O notation as well as an explanation for students
- **Demo link**: something/youtube.com

Experience

Shoppers Drug Mart **Sept 2021 − December 2021**
Cash Supervisor *Mississauga, Ontario*
- Coordinated and worked with a team to get daily tasks done
- Recorded daily sales into the company's software, and completed hierarchical reports daily
- Gained customer experience, cash handling and data entry skills

Extracurricular Involvement

UWaterloo Tech Team **Spring 2020 − May 2020**
Front End Developer *University of Waterloo*
- Worked with a team to maintain a responsive website to display current events and fundraisers for the school's many clubs).
- Used HTML and CSS and fixed bugs to make the webiste optimal for the user

Hackathons
- **Major League Hacks**: Worked with a team to solve LeetCode style coding questions as well as debug programs in a timed environment
- **Kuruius Hacks**: Used HTML, CSS and Javascript to develop an interactive game for users to play

Certifications

Python Programmer **December 2021**
Online Bootcamp *Data Camp*
- Completed 55 hours of lecture content, 4 case studies and a final project to display skills in Python

Data Scientist **December 2021**
- Used skills learned over the course to complete assessments in SQL(PostGre) and various case studies *Data Camp*