Karim Naous

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Education and Skills

Bachelor of Science in Computer Science, University of Richmond – Virginia, United States of America   Graduated May of 2021
Concentration in Data Science and Statistics, with a Business Administration minor.
Honors: **Overall Grade Point Average (GPA): 3.83/4.00,** highest level of institutional honor: Summa Cum Laude.

Programming Languages: Proficient in Python, Java, C++. Some experience with R, SQL, HTML, CSS, JavaScript.

Work Experience

Cashier, FreshCo Super Market - Ottawa, Ontario   March 2022 - present
- Providing great customer service for dozens of customers during each shift.
- Handling hundreds of dollars in electronic and non-electronic forms of payment.

Website Developer Volunteer, IT4Causes – Remotely from Ottawa, Ontario   June 2021 - present
- Developed a new website for the company using WordPress, HTML, CSS, and Javascript.
- Debugged stylistic issues with the website and skillfully resolved the issues.
- Collaborated with an Agile team of six using twice-weekly Scrum meetings.
- Presented work regularly to team members so that I could receive feedback on it.

Research Assistant, Department of Computer Science – University of Richmond   May 2020 - December 2020
- Contributed to a research project on fair organ transplant allocation.
- Brainstormed and implemented different algorithms for organ transplant allocation in C++.
- Contributed a class in C++ to our codebase that logs data on organ transplant allocation algorithms as they are run.
- Used data logged on organ transplant allocation algorithms to create several maps in Python which were used to visualize the performance of our algorithms.

Information Technology Intern, Dar (Design and Engineering company) – Beirut, Lebanon   May 2019 - July 2019
- Solved a Machine Learning challenge using Python.
- Compared the performance of five different Machine Learning classifiers.
- Selected a classifier named Gradient Boosting as the model of best fit on a data-set out of five contenders.
- Collaborated with a team of five to program a complete web-based application.
- Built the front end of an application using the Angular application development framework.
- Built a database for an application and connected the database to the application's front end.

Leadership Experience

Student Grader, Computer Science: Data Structures – University of Richmond   August 2020 - May 2021
- Corrected up to seven student Java code submissions per week.
- Provided students with detailed and helpful feedback on their Java code submissions.

Resident Assistant, Residence Life & Student Housing – University of Richmond   August 2018 - May 2021
- Oversaw a university residence hall floor with up to forty undergraduate residents.
- Worked with a staff of up to ten other resident assistants to plan and execute community building efforts and programs.
- Balanced working about fifteen hours per week in this role with full time study.