Mohammad Jafari

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EDUCATION

Memorial University of Newfoundland   **St. John's, NL**
Bachelor of Science in Computer Science GPA: 3.3/4.0   *September 2019 - current*

Skills

- Technical Skills: Python, Java, C#, Photoshop, C , HTML/CSS, JavaScript, SQL, Unix, Git, LaTeX.
- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Computer Systems, Databases, Computer Security, Abstract Algebra, Object Oriented Programming.
- Fluent in English/Persian

EXPERIENCES

Memorial University   **St. John's, NL**
Undergraduate Research Assistant (Department of Computer Science)   *April 2021 - current*

- Develop research papers for publication based on experiment results and analysis.
- Expand knowledge of IoT systems and edge computing.
- Research IoT device vulnerabilities and publish findings.

Memorial University   **St. John's, NL**
Undergraduate Computer Science Tutor(Department of Computer Science)   *January 2020 – January 2021*

- Tutored first-year students on CS courses such as Introduction to Python, Java, Data Structures and Algorithms, and problem-solving.
- Designed projects and activities for students to work on to better develop their understanding of CS concepts.

Product Specialist   **St. John's, NL**
Best Buy   *September 2019 – September 2020*

- Educated customers about product features and benefits to aid in selecting best options for each individuals' needs.
- Provided first-rate service to all customers and potential customers.
- Engage customers using selling skills to build complete, connected solutions while maintaining a balance of high velocity and world class service.

PROJECTS

Game of Malefiz (Java, GUI, Academic Project)   *January 2021 - April 2021*

- Created prototypes based upon design ideas using such programming languages as Java and C++.
- Worked closely with teammates to break down project goals into various job duties and tasks.
- Whole game is written based on object oriented programming and using GUI in Java.

Multi-Thread Program (C, Academic Project)   *Feb 2021 – March 2021*

- Developed a multi-thread software to get user input and calculate the sum of numbers entered by user simultaneously using mutex locks and semaphores in C programming language.
- Completed all phases of system development life cycle from requirements analysis through system implementation.

Goharfam Company (HTML/CSS, Java Script, Personal Project)   *April 2019 – December 2019*

- Designed and developed user-friendly website, including optimized check-out page that increased user clicks by 20 percent.
- Fixed bugs from previous versions of the website and databases and implemented enhancements that significantly improved web functionality and speed.
- Goharfam Industrial Manufacturing Company.