Khaled A.Y. Shaheen

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Skills

- Experienced in programming with C++, Python, and assembly language (MIPS)
- Skilled in object-oriented programming
- Talented in utilizing data structures and algorithms effectively
- Dedicated in troubleshooting and debugging software programs
- Knowledgeable in various operating systems: Windows, Mac, and Linux
- Software Knowledge: Microsoft suite, Adobe suite
- Fluent in manipulating various programming IDEs like: Visual Code Studio, Code Blocks, and C++ Dev
- Knowledgeable with maneuvering machine virtualization tools such as VMW virtual machine
- Adept in developing technical documentation to guide future software development projects

Education

St. Cloud State University, St. Cloud, MN
Computer Science
January 2021 - Present
GPA: 3.93

Memorial University of Newfoundland, St. John's, NL
Computer Science
September 2020 - January 2021
GPA: 4.00

Related Professional Projects

Project 1: HRM database system – course project (CSCI 201) – 2021
Description: Program that adds, removes employees, updates employees' information, searches employees, and saves modifications in company database.
Technologies Used: C++, Visual Code Studio, and database files
- Produced project within 3 days compared to my classmates
- Achieved 100% grade based on efficiency, structure, and adherence to requirements
- Optimized learned algorithms and data structures without using simpler outside sources

Project 2: Random password generator – personal project – 2020
Description: Program that generates random passwords with special characters, letters, and numbers
Technologies Used: Python, Visual Code Studio
- Accelerated process of creating accounts up to approximately 60%
- Increased password maintainability time by 100% due to password structure
- Reduced password cracking risks for approximately 50 individuals

Activities and Honors

- Listed in the dean's list in first university semester
- Earned Academic and Cultural Sharing Scholarship which waves 50% of tuition fees
- Scholarship requires engaging in two cultural activities every semester and Maintaining 2.5 GPA