Khaled A.Y Shaheen

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EDUCATION

St. Cloud State University | Bachelor of Science in Computer Science Expected Dec. 2023

- GPA: 3.93/4.0
- Dean's list; 3 consecutive semesters
- Earned Academic and Cultural Sharing Scholarship, which waves 50% of tuition fees

TECHNICAL SKILLS

C++ | Python | Javascript | HTML | CSS | Node.js | Windows | Mac | Microsoft Office | Adobe Suite | Ubuntu | OOP | Data Structures | Algorithms | Scrum | Agile | Technical Documentation | Debugging | Problem-Solving | Computer Architecture

SOFT SKILLS

Excellent Written and Verbal Communication | Detail-Oriented | Teamwork and Collaboration | Critical Thinking | Reasonable Thinking | Creativity | Open-Mindedness | Adaptability | Multitasking | Time Management

ACADEMIC PROJECTS

Project 1: HRM Database System Simulation Project April 2021 - May 2021

Description: Program that adds, removes employees, updates employees' information, searches employees, and saves modifications in database files.

Technologies Used: C++, VS, 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 efficiently

Project 2: Random Password Generator June 2021

Description: Program that generates random passwords with special characters, letters, and numbers

Technologies Used: Python, and VS

- 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

Project 3: Queuing Simulation Jan 2022

Description: A queueing system consists of one or more queues of elements waiting to be served by one or more servers. When an element is removed from the front of a queue, a server serves that element. How queues and servers interact and parameters such as the numbers of queues and servers, how often new elements arrive, and how often servers remove elements from queues determine the behavior of a queueing system.

Technologies Used: C++, and VS

- Accomplished 100% grade based on efficiency and probabilistic accuracy
- Generated approximately 10% increase in profits for a relative's restaurant
- Saved customers time by minimizing waiting times prior to getting served

REFERENCE

Dr. Bryant A. Julstrom - Professor of Computer Science

- Contact: 320-308-2027 | bajulstrom@stcloudstate.edu