

Omar Obidat

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SUMMARY:

Motivated Student with a strong passion for programming, problem-solving, and software development; Worked through college to pursue further development of professional experience and technical skills

Core Competency: Object-oriented Programming // Discrete Mathematics // Testing // Algorithm Design & Development // Software Development Methodologies // Web Development // Front end and Back end development

EDUCATION

Montclair State University (MSU), Montclair, NJ - GPA: 3.925

Bachelor of Science in Computer Science, Expected Completion May 2022

Relevant Coursework: Data structures and algorithms (Java), System Programming (Unix and C), Database system (SQL), Computer Organization and assembly language.

Honors: Dean's List fall semester 2020 and spring semester 2021, MSU CSAM Faculty-Student Summer Research Grant 2021

SKILLS AND CERTIFICATIONS

Advance: C/C++ Programming, C#, Javascript, Shell script, Troubleshooting Windows 10 and Mac OS, PC building and fixing.

Intermediate: Web development, QuickBooks, Java, SQL, Adobe XD, Python

Language: Proficient in English and Arabic

Certifications: C++ Essential Training (Jan 15, 2021), and Learning C# (Jan 13, 2021)

EXPERIENCE

Montclair State University, Montclair, NJ

Research Assistant

June 2021 - Present

- Creating Video surveys to collect data.
- Compiling and organizing data through python
- Testing different approaches to develop a Human Comfort Model to investigate and estimate human comfort in human-robot collaboration.

Maple Grove Park Cemetery, Hackensack, NJ

Office Assistant

Jan 2020 - Mar 2020

- Answered calls and assisted walk-in customers
- Sorted and organized physical records and files
- Converted physical records into electronic form using Quickbooks

Salem's warehouse, Lodi, NJ

Computer Technician

Sep 2018 - Feb 2019

- Diagnosed various computer hardware issues
- Repaired various models of different PCs
- Built new computers for customers

PROJECTS

Activity Log Monitor - Shell script

Nov 2020

- Created a server-based script that logs user activity for a given log-on session
- Script was hosted on the University server via putty
- Log was custom formatted to fit prescribed specifications
- Filtered obsolete information in real-time

Server-Client Messaging program - C language

Oct 2020

- Established a server on a specific port number
- Accepted messages from client
- Generated dynamic replies based on the received message