Taylor Bushey

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EDUCATION

Pursuing B.S. in Computer Science, University of Massachusetts Amherst Exp. Graduation Fall 2023
Associates Degree in Computer Science, Greenfield Community College
Coursework: Applications of Data Management (Spring '23), Operating Systems, Introduction to Algorithms, Programming Methodology, Computer Systems Principles, Data Structures, Web Programming

PROJECTS

Web Programming
- Developed full-stack applications such as a basic Scrabble game using JavaScript, HTML, CSS, NodeJS, and PostgreSQL

Operating Systems
- Implemented a simple UNIX-like filesystem in C++

Algorithms
- Applied dynamic programming to create a seam carving Python program
- Used a divide-and-conquer paradigm to implement a Python program that finds all anagrams of a given dictionary

Digital Forensics
- Implemented certain functionalities of different forensics tools including fsstat and istat to parse and obtain data from file systems such as NTFS and FAT32
- Conducted an investigation of a mock crime by analyzing a desktop image and located and extracted evidence including deleted files and search history

SKILLS

Programming Languages: Python, SQL, Java, JavaScript, C, C++

Tools: PostgreSQL, Excel, PowerPoint, Word, GitHub, Node.js

WORK EXPERIENCE

Sales Associate, **Patriot Care**   Greenfield, MA   July 2019 - July 2022
- Executed sales in a fast-paced environment
- Communicated effectively with customer base
- Managed financial transactions both large and small
- Understood and operated within government regulations and guidelines pertaining to privacy, health, and safety

Sales Associate, **Friendly's Restaurant**   Greenfield, MA   April 2011 - June 2019
- Balanced large and small payments on behalf of clients
- Explained extensive knowledge of products and pricing to customers in a thorough and professional manner
- Learned to work professionally in a cooperate service environment