Abdala Zaghab

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OBJECTIVE

I am a motivated computer science student with a strong interest in software engineering and machine learning, coupled with hands-on experience in the IT environment. Seeking for internships or entry-lever opportunities to apply my academic knowledge and develop practical skills in building and maintaining efficient, and scalable software solutions. I am eager to contribute to innovative projects while continuing to learn and grow in the field of machine learning and software development.

EXPERIENCE

Howard Community College | *IT Intern Technician*   *Maryland, MD* | Jun 2023 – Present
- Imaged and configured desktops and laptops, integrating them into the company's domain and inventory for later deployment.
- Developed an efficient inventory management system for tracking over 700 local and network printers used by faculty.
- Installed, troubleshooted, and supported software deployment from the server to faculty devices.
- Provided hands-on support to users, offering guidance and training to ensure smooth operation of IT systems.

Howard Community College | *ELC Front Assistant*   *Maryland, MD* | May 2022 – Present
- Served as the first point of contact, assisting students and staff from diverse backgrounds with inquiries and information.
- Managed incoming calls, voicemails, and visitor inquiries, ensuring efficient communication and resolution.
- Assisted in student registration, including room setup and payment processing.
- Maintained and scanned student information into databases, ensuring accurate record-keeping.

PROJECTS

- **Personal Website (Portfolio):** I developed a responsive personal portfolio website using HTML, CSS, and JavaScript. The site is optimized for display across various devices, ensuring a seamless user experience on both desktop and mobile platforms. It features a comprehensive overview of my professional work, projects, and accomplishments, showcasing my expertise and skills in a visually engaging manner.
- **Soccer Statistics Menu Driven Program:** I developed a C++ program for generating soccer statistics reports, utilizing custom data structures to manage and display team and player performance. The program includes user input validation, string manipulation, and formatted output generation, demonstrating proficiency in data management and C++ programming.
- **IP Report Menu Driven Program:** I developed a Python program that analyzes and reports on IP addresses from an input file, identifying suspect addresses based on predefined criteria. The program reads from an input file, processes the data to detect and log suspect IPs, and generates a detailed report that includes the total number of records, the count and percentage of suspect IPs, and a list of those suspect addresses. The report is displayed to the user and written in an output file, showcasing proficiency in file handling, data processing, and output formatting in Python.

SKILLS

- **Software tools:**	*Excel, SQL, Python, C++, JavaScript, Visual Studio Code/Community, NumPy, MATLAB, GitHub/Git.*	**Technical Skills:** Proficient
- **Communication:**	*Written and oral communication: Spanish, English*	**Language Proficiency:** Strong
- **Major Courses Taken**	Data and Algorithms, Linear Algebra, Discrete Structure, Python (Object-Oriented Programming)	**Technical Skills:** Proficient

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EDUCATION

Howard Community College | Associate of Computer Science   *Maryland, MD* | 2023 – Present
University of Maryland (UMBC) | B.S of Computer Science   *Maryland, MD* | 2025 - 2027

INTERESTS

- Machine Learning	- Data Visualization	- Simulation and Modeling
- Data Analysis	- DevOps Practices	
- Software Engineer	- Cybersecurity	