Abdurahman Ismaeel Alarcon

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Objective

Motivated worker seeking to apply my education, critical thinking, and communication skills. Developing new competencies and technical skills for professional growth is my top priority.

Education

Northern Virginia Community College | George Mason University   Alexandria, VA

A.S. Information Technology | B.S Information Technology   *Expected May 2027*

Relevant Coursework: Linux System Admin, Telecommunications, Java Programming, Computer Hardware & Troubleshooting, Microcomputer OS, PC Hardware & OS Architecture, Engineering, Computer & Electrical engineering.

Work Experience

Department of State

Diplomatic Technologies Intern   May 2024 - Aug 2024

- Developed and deployed an information-oriented application for U.S. expatriates in Turkey using PowerApps and Azure SQL databases.
- Managed and maintained Cisco networking systems, Linux servers, and encrypted radio communications across multiple embassy departments.
- Conducted IT infrastructure maintenance, software debugging, and network security enhancements utilizing Docker, Kubernetes, virtual machines, and batch scripting.

Continuum Behavioral Health

Registered Behavioral Therapist   Oct 2024 - Present

- Utilize behavioral tracking software to log patient progress and analyze patterns in therapy outcomes.
- Assist in data collection and reporting, ensuring accurate documentation of therapy sessions and adherence to HIPAA compliant record-keeping.
- Collaborate with therapists to interpret behavioral data trends, helping to refine individualized treatment plans.

StudyHouse Education

STEM Tutor   May 2023 - Present

- Provided technical tutoring in Calculus, Computer Science, and Biology, focusing on problem-solving strategies and real-world applications.
- Developed custom study plans and digital resources, integrating online learning tools to enhance engagement and retention.

Technical Projects

Game Application | **Java, Bash, GitHub, VS Code**

Software Engineer   Aug 2024 - Present

- Designed a Chess game in the Command Line Interface for Unix based systems, programmed in Java.
- Created an AI with varying intelligence to account for selected difficulty of users in each game.

Mobile Application for US diplomats | **PowerApps, Azure SQL databases, Power FX**

App Engineer   *May 2024-Aug 2024*

- Developed an interactive mobile guide for U.S. expatriate diplomats in Turkey, allowing users to locate emergency services, embassies, and recommended local businesses.
- Integrated Microsoft PowerApps with Azure SQL databases, enabling real-time cloud storage and dynamic data retrieval.
- Designed the UI/UX interface to enhance accessibility and efficiency, facilitating seamless search and navigation functionalities for end users.

Technical Skills

- Languages: Java, Python, JavaScript, CSS, bash
- Tools: Git, Microsoft Azure, PowerApps, Microsoft Word Certification, AutoCAD, Autodesk Inventor, Docker, KVM, VirtualBox, Kubernetes.
- Operating systems: Windows, MacOS, Linux, RedHat, OpenBSD