

Abdurahman Ismaeel Alarcon

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Education

George Mason University

Alexandria, VA

B.S Information Technology

Expected 2026

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

Career

Department of State

Engineering 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.

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.

Projects

Chess-CLI | Java, Bash, GitHub, VS Code

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.

Mission Türkiye Guide | PowerApps, Azure SQL databases, Power FX, bash

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, C, C++, SQL, TypeScript, JavaScript, CSS, bash
- Frameworks: React, Next JS, PyTorch, TensorFlow, NumPy, Bootstrap, Flask, JUnit, Angular, Kubernetes
- Tools: Git, Microsoft Azure, MongoDB, MySQL, PowerApps, Microsoft Word Certification, AutoCAD, Autodesk Inventor, Tailwind CSS, VSCode, KVM, Windows, MacOS, Linux, RedHat.