Arqawan Noori

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EDUCATION

Mississippi Valley State University, Expected May 2026   Itta Bena, MS
Bachelor of Computer Science **4.0/4.0 GPA**
Minors in Mathematics and Business Administration

American University of Central Asia, August 2021- May 2023   Bishkek, Kyrgyzstan
Bachelor of Software Engineering

American University of Afghanistan, August 2020- January 2022   Kabul, Afghanistan
Bachelor of Information Technology

Relevant Coursework: Programming I & II, Computer Architecture, Java Programming, Database Management Systems, Introduction to Artificial Intelligence, HTML and Web Page Design, Discrete Structures, Probability and Statistics, Abstract Algebra, Analysis, Calculus I & II, Differential Equations.

SKILLS AND SOFTWARE PROFICIENCIES

- **Programming Languages:** C++ •Swift •HTML •CSS •Java •R •MySQL
- **Development Tools:** Xcode •Mathematica •Cisco Packet Tracer •Canva •WordPress •Web Design •Git
- **Frameworks & Libraries:** UIKit •PathFinding.js
- **Soft Skills:** Object-Oriented Design •Strong problem-solving •iOS Development •Web Development •Teamwork and adaptability

PROJECTS

AI System: Versatile AI Chat Platform
- Developed an iOS chat application prototype using Swift and UIKit in Xcode's simulator
- Implemented a simple conversational system capable of responding to topics in science, history, and philosophy.
- Applied object-oriented programming principles for efficient organization
- Created a user interface with a message display and input field, simulating real-time updates

Element Quiz App
- Developed an iOS app using Swift for studying chemical elements with flashcards and quizzes
- Implemented image creation and display in Swift code
- Utilized the single-path UI update pattern for efficient UI management in Swift
- Integrated keyboard input functionality and alert display with user interaction using Swift and iOS frameworks

Rock, Paper, Scissors Game
- Designed a Rock, Paper, Scissors game using Swift, tested in Xcode's iOS simulator
- Implemented core game logic allowing player vs. computer gameplay
- Utilized Swift's random number generation for computer move selection
- Created a basic UI with buttons for player moves and labels for displaying game results

WORK & LEADERSHIP EXPERIENCE

Feb 2020 - Sep 2020   **Heray Paint Company**   Herat, Afghanistan
Technical Support - Intern
- Collaborated with the IT team to implement a new database system, improving accuracy by 25%
- Redesigned company website using HTML and CSS, contributing to a 20% increase in traffic
- Provided technical support to staff and customers, maintaining a 95% satisfaction rate

ACTIVITIES & HONORS

Member of Women in Science And Technology (WIST) Organization, Mississippi Valley State University | Head of Leaders' Club, American University of Afghanistan | Supported diversity in technology as a member of UNHR-WASA projects | Participated in the "Reimagining the University for the 3rd Millennium" hackathon | Trainer of Mental Health Well-being Training Sessions, American University of Central Asia, specialized for IT students | Developed user-friendly websites using HTML, CSS, and JavaScript