

ELHAM SHAH

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Education

University of Massachusetts Boston

Sep. 2023 – May 2027

Bachelor of Science in Computer Science

Boston, MA

Relevant Coursework

- Data Structures
- Discrete Mathematics
- Linear Algebra
- Operating Systems
- Intermediate Computing
- Computer Graphics
- Programming in C
- Computer Architecture

Experience

Noble Quran App

Feb 2025 – Present

Researcher & Developer Intern

Boston, MA

- Conduct research on AI-driven Quranic features using NLP and machine learning.
- Develop iOS UI components and optimize app performance for accessibility and responsiveness.
- Collaborate with cross-functional teams to improve user experience and scalability.
- Participate in Agile sprints and assist with testing and performance enhancements.

Headstarter

Jul 2024 – August 2024

Software Engineering Fellow

Remote

- Built 5+ AI apps and APIs using Next.js, OpenAI, Pinecone, and StripeAPI achieving 98% accuracy and 1,000+ users.
- Developed projects from design to deployment, leading a team of 4 engineering fellows using MVC design patterns.
- Coached by engineers from Amazon, Bloomberg, and Capital One on Agile, CI/CD, Git, and microservice architecture.

Projects

Personal Portfolio Website | *HTML, CSS, JavaScript*

October 2025

- Built a modern, responsive developer portfolio inspired by professional UI/UX design practices.
- Implemented smooth scroll animations, dynamic project sections, and responsive navigation using vanilla JavaScript.
- Optimized layout and performance for desktop and mobile using Flexbox and media queries.
- Deployed and version-controlled the site through GitHub Pages to highlight technical projects and achievements.

Noble Quran App | *Swift, iOS, SwiftUI, Core ML, NLP*

February 2025

- Developed and maintained the iOS app Noble Quran, focused on accessible Quran reading and study features.
- Implemented AI/NLP-powered features (search, tagging, and personalized recommendations) and on-device optimizations using Swift and Core ML.
- Built responsive SwiftUI interfaces, improved accessibility, and optimized performance for a large user base.

Fitness WebApp | *React, Node.js, Express, MongoDB*

January 2024

- Built a responsive web application for workout tracking and data visualization.
- Developed RESTful APIs and integrated authentication and user management.
- Deployed application ensuring cross-browser compatibility and database reliability.

Technical Skills

Languages: Python, Java, C, C++, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, React, Node.js, MongoDB, Google Cloud Platform, Android Studio, Swift

Technologies/Frameworks: Linux, GitHub

Leadership / Extracurricular

Muslim Student Association (MSA)

Spring 2025 – Present

Event Coordinator

University of Massachusetts Boston

- Organize and coordinate campus events, manage logistics, and support community-building initiatives for Muslim students

Watan Club

Spring 2025 – Present

Treasurer

University of Massachusetts Boston

- Manage club finances, track budgets and expenditures, and ensure all financial operations support successful cultural and educational events.

Afghan Student Association

Spring 2025 – Present

Ambassador

University of Massachusetts Boston

- Represent the Afghan student community at campus events, promote cultural awareness, and support outreach, engagement, and collaboration efforts.