

# Shaliah Fricas

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## EDUCATION

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**University of Massachusetts, Boston | Boston, MA**

Expected Graduation: May 2027

B.S. - Computer Engineering | Minor in Computer Science

Cumulative GPA: 3.3

**Coursework:** Intro to Python, Data Structures & Algorithms, Programming in C++, Circuit Analysis, Calculus 1 & 2,

Honors Applied AI, Engineering Design, Discrete Math, Linear Algebra

### Certifications & Programs:

- Apple Certification, NeuralSeek AI Agent Foundations
- Oxford Saïd Business School Artificial Intelligence Programme

### Extracurricular Activities:

- **Gaming Club, Engineering Club, Robotics, Growing Women in Science, and Girls Who Code**
- **YMCA Volunteer (Lawrence, Massachusetts):**  
Share technical knowledge with students to help them explore their passion for STEM.

## SKILLS & TECHNICAL TOOLS

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**Skills:** Python, Java, JavaScript, HTML/CSS, C++, MATLAB

**Technologies:** Visual Studio Code, PyCharm, Jupyter Notebook, Matplotlib, CAD, TinkerCad, ReactJS, Oscilloscopes

**Languages:** English (Primary) | Spanish (Fluent; Reading & Writing)

## EXPERIENCE

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**Operations and App Development Intern | Arka HR**

June 2023 - December 2024

- Solving problems, improving public access to HR resources, enhancing data accuracy, and project timelines.
- Applying technical knowledge to design and maintain automated processes to significantly reduce manual tasks and increase team productivity.

**Certified Apple Computing Advisor | Best Buy**

August 2023 - January 2025

- Diagnosing and resolving system failures, component malfunctions, and software conflicts for optimal

**AI Agent Builder Intern | NeuralSeek**

August 2025 - Current

- Working with a team to design and deploy generative AI agents that address real-world business challenges for industries like HR, Healthcare, and Business.

## PROJECTS

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**Audio Recording Processing Program (SmoothTunes) | C++ | [Link](#)**

- An application that processes and analyzes audio recordings, providing users with precise file quality selection, streaming cost breakdown, and enhanced user experience through robust input validation and detailed output formatting.

**MediSeek (Biomedical AI Troubleshooting Agent) | NeuralSeek, AI Agent Editor, Generative AI | [Link](#)**

- Designed and deployed an AI-powered troubleshooting agent to assist biomedical engineers and medical staff in diagnosing common device faults (e.g., infusion pumps, patient monitors).
- Integrated structured prompts and device-specific error parameters to provide step-by-step guidance, improving efficiency in resolving technical issues.

**Arduino Calculator | Arduino IDE, C++ , CAD | [Link](#)**

- A calculator built using 3D printing and Arduino IDE that can calculate positive integers in two number bases, binary and decimal.

**Speech to Text | Python | [Link](#)**

- Developed a speech-to-text recognizer using Python, enhancing accessibility for users with hearing impairments.