

Dayan Abdulla

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EDUCATION

Henry Ford College – Dearborn, MI

Associate in Applied Science Computer Information Systems

Started: September 2023

Relevant Coursework 4.0 GPA: Swift, Core ML, SwiftUI, Object Oriented Programming, C#, Python
Web Development: HTML/CSS/JavaScript, SQL for Database Development, UNIX Shell Scripting

Apple Developer Academy – Detroit, MI

Key Projects: 'Road To Redemption' | 'DORA' | 'ScarfieAI (In Progress)'

August 2024 – Present

EXPERIENCE

Learner

August 2024 – Present

Apple Developer Academy | MSU – Detroit MI

- Acquired fundamental skills in app development, including research, design, user experience, prototyping, and introductory Swift.
- Strengthened collaboration, public speaking through practical experience and hands-on training in a dynamic tech environment.
- Participated in applying business and technical insights to create impactful solutions.
- Delivered insights through project cycles, integrating user feedback into final design solutions.

Software Engineering Fellow

May 2024 – August 2024

Headstarter – Remote

- Built 5+ apps and APIs using NextJS, OpenAI, with 98% accuracy as seen by 100+ users
- Worked with cross-functional teams, ensuring system stability through agile methodologies.
- Developed projects from design to deployment with 4+ engineering fellows using MVC design patterns
- Coached by Amazon, Bloomberg and Capital One engineers on Agile, CI/CD, Git and microservice patterns

BOH Manager

June 2020 – January 2025

Brome Modern Eatery – Dearborn, MI

- Managed operational processes, ensuring adherence to service-level agreements.
- Supervised a 4+ person team, assigning tasks and responsibilities
- Rotated to various job assignments to meet shift needs while coordinating multiple deadlines simultaneously
- Conducted training and introduced workflow improvements for team efficiency.

PROJECTS

Road To Redemption | Swift, SwiftUI

January 2025 – March 2025

- Developed an interactive story-driven game using JSON for dynamic branching narratives.
- Designed a structured choice-based system where player decisions influence the storyline.
- Implemented a dialogue management system to ensure seamless progression and immersive gameplay.

DORA - Personalized Affirmation App | Swift, SwiftUI

Aug 2024 – Nov 2024

- Developed an iOS application to deliver customized daily affirmations tailored to the user.
- Designed the user interface and implemented features for personalization and dynamic updates.
- Integrated local storage to retain user preferences and affirmation history.

TECHNICAL SKILLS

Languages/Frameworks: Python, Swift & SwiftUI, HTML/CSS, JavaScript, C#, UNIX

Developer Tools: Git, GitHub, Google Cloud Platform, Miro, Figma, Sketch, XCode, VS Code, PyCharm, Microsoft Office Suite