

ABDULAZIZ JAMALEDDIN

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EXPERIENCE

Apple Developer Academy, Detroit, MI: Software Engineering Intern August 2024 – Present

- CBL - Swift - App Development

EDUCATION

B.S., Computer Science August 2022 - Present
Henry Ford College, Dearborn, Michigan 3.98 GPA - Summa Cum Laude

iOS Developer - Learner August 2023 - July 2024
Apple Developer Academy, Detroit, Michigan

Bootcamp, Computer Science - Data Analytics/Full-Stack Development October 2022 - March 2023
DevMountain Academy

PROJECTS

trofi May 2024
Part of a team designing and developing an app for homecooks to track their culinary growth.

- Engineered an intuitive interface using SwiftUI, ensuring seamless user experience across multiple devices.
- Implemented CloudKit and SwiftData for persistent data storage with multi-device synchronization.

CPU Project May 2024
Developed a CPU simulator demonstrating the fundamentals of OOP using C++.

- Designed and implemented support for complex arithmetic and logical operations.
- Developed custom memory management with unique datatypes.

Earned It February 2024
Led a team of 5 in designing and developing an app for managing impulsive shopping habits.

- Led the development using SwiftUI and SwiftData to create a robust, multi-device synchronized experience.
- Enhanced app engagement by implementing a Share Extension feature, allowing users to add product on-the-go.

TicTacToe AI November 2023
Developed an AI-powered TicTacToe game using binary trees and the minimax algorithm in C.

- Constructed a decision-making algorithm that consistently challenges players, providing an engaging and competitive gameplay experience.

Suicide Analysis March 2023
Conducted an in-depth analysis of global suicide trends using Python.

- Leveraged Pandas, Seaborn, Matplotlib, and Plotly for data visualization, uncovering critical insights into suicide rates based on gender.
- Compared worldwide suicide data with U.S. happiness indices to support a hypothesis on socio-economic factors influencing suicide.
- Employed machine learning models to predict future suicide trends, providing actionable insights for mental health interventions.

PsychOnline December 2022
Developed a Node.js application that retrieves emojis based on user facial expressions.

- Integrated the GIPHY API to dynamically fetch the top 3 gifs matching the detected emotion.
- Utilized SQL and Sequelize for efficient retrieval and management of quotes tied to specific emotions from the database.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL, Swift, C++

Database/Industry Tools: PostgreSQL, Anaconda, Pandas, Seaborn, Matplotlib, Streamlit, Agile Methodology

Tools/Software: VSCode, XCode, Jupyter Notebook, Git, Command Line, GitHub, Node.js