

# Abdulaziz Jamaledin

## Software Engineer

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### TECHNOLOGIES/SKILLS

**Languages** | Python, JavaScript, HTML, CSS, SQL, Swift, C++

**Database & Industry Tools** | PostgreSQL, Anaconda, Pandas, Seaborn, Matplotlib, Streamlit, Agile Methodology, Microsoft Office, Adobe Photoshop, Xcode

**Tools/Software** | VSCode, Jupyter Notebook, Git, Command Line, GitHub

### EDUCATION AND TRAINING

**Apple Developer Academy**

**August 2023 – June 2024**

*iOS Development*

**DevMountain Academy**

**October 2022 – March 2023**

*Software Engineering Fellowship - Accelerated, software engineering program*

**Henry Ford College, Dearborn, MI**

**September 2022- Present**

*Bachelor of Science, Computer Science*

### PROFESSIONAL EXPERIENCE

**Student Engineer**

**October 2022 – March 2023**

**Devmountain Academy,**

- Developed skills and knowledge across fundamentals of data structures, algorithms, testing, front-end, back-end, and database programming using Python, Javascript, HTML.
- Collaborated on pair-programming assignments with cohort colleagues
- Participated in daily lab projects including building databases, testing, utilizing APIs, creating sessions, etc.

### PROJECTS

**Earned It, [link](#)**

**February 2024**

- Used SwiftUI, SwiftSoup, CloudKit, SwiftData, Share Extension.
- Persistent Data with Multi-Device Sync

**TicTacToe AI, [link](#)**

**November 2023**

- Done using C
- Implemented an AI player using minimax algorithm

**Suicide Analysis, [link](#)**

**March 2023**

- Used Python, Pandas, Anaconda, Seaborn, Matplotlib, Streamlit, and Plotly.
- Ability to clearly see the number of suicides worldwide
- Compare suicides based on gender and deduct reasoning
- Compare 2 datasets (Worldwide suicides and U.S. Happiness) to better explain hypothesis
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**HackHealth , [link](#)****January 2023**

- Worked with bcrypt, JWT, and a database to create a signup/login page for patients
- Using sequelize and SQL to add/delete prescriptions
- Using postgresQL to track frequency of medication and dosage
- View available doctor with their photo/specialty/working hours
- Ability to create appointments with the selected doctors

**PsychOnline, [link](#)****December 2022**

- Worked with faceapi.js to analyze face expressions
- Used GIPHY api to get the 3 top gifs based on emotion
- Used SQL to get the quote based on emotion from database
- Used Sequelize to add/delete quotes

**ACTIVITIES/INTERESTS****FIRST Robotics****Mechanical Team Member****September 2019 - April 2020**

- I and a couple of colleagues were in charge of building, fixing, and checking the robot.
- Managed to secure a place in the quarter-finals
- Experience with communicating with other teams for giving and receiving advice