MOHAMMAD ABU-SHELBAIA

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📍 Ramallah, Palestine

SUMMARY

Undergraduate Computer Engineering student at Birzeit University expected to graduate in July 2024. Passionate about software development, embedded systems, and robotics. Experienced in **Python** as the primary programming language,

SKILLS

Languages: **Python**, Assembly, Java, C, SQL, HTML, CSS.

Technologies: Git, Django, TailwindCSS, Docker, PostgreSQL, Arduino.

PROJECTS

Web Scrapping Python, iCal	**Course Schedule**	**github.com**

Developed a Python script to automate the extraction of weekly schedules from my university website and convert them into recurring iCal events. This project aimed to improve personal organization and time management by eliminating manual schedule data entry.

Robotics ESP32, Arduino	**Micromouse Robot**	**github.com**

Designed and implemented a maze-solving robot using the ESP32 microcontroller and the Arduino framework. The robot was programmed to autonomously navigate a maze and find the shortest path to the center using the Flood Fill algorithm.

Embedded Systems PIC16f877A-Assembly	**PIC16f877A Calculator**	**github.com**

Developed a functional calculator on a PIC16f877A microcontroller, showcasing skills in embedded systems design and assembly language programming.

Discord Bot Python	**Botzilla**	**github.com**

Developed a Discord bot using the Pycord library to automate server management tasks and provide entertainment features. The bot is capable of moderating chat, generating server statistics, and moderating server activities.

EDUCATION

9/2020 - 7/2024	**Birzeit University**	**Bachelor**

Birzeit University
Computer Enginering
Expected Graduation: July 2024
`Cumulative Average:  87.4%`

LANGUAGES

English - C1 (CEFR), **Arabic** - Native