




# MOHAMMAD ABU-SHELBAIA

mabushelbaia@gmail.com  
(+970) 059-415-6035

 mabushelbaia.me  
 github.com/mabushelbaia  
 Ramallah, Palestine

## SUMMARY

Undergraduate Computer Engineering student at Birzeit University expected to graduate in July 2024. Passionate about software development, embedded systems, and robotics. Seeking an internship to further develop my skills and gain practical experience in the field.

## SKILLS

**Languages:** Python, Assembly, Java, C, SQL, HTML, CSS.  
**Technologies:** Git, Arduino, Flask, TailwindCSS, Android Studio, SQLite.

## PROJECTS

Web Scrapping Python, iCal	<b>Course Schedule</b> 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.	<a href="#">github.com</a>
Discord Bot Python	<b>Botzilla</b> Developed a Discord bot using Python to automate server management tasks, including user moderation, server statistics, and user interaction.	<a href="#">github.com</a>
Web Development Flask, TailwindCSS	<b>Dynamic Portfolio Website</b> Developed and deployed a fully functional personal website showcasing my GitHub projects. Implemented Tailwind CSS for responsive design and Flask for dynamic content generation, ensuring seamless presentation and user experience.	<a href="#">github.com</a>
Robotics ESP32, Arduino	<b>Micromouse Robot</b> 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 Flood fill algorithm.	<a href="#">github.com</a>
Embedded Systems PIC16f877A-Assembly	<b>PIC16f877A Calculator</b> Developed a functional calculator on a PIC16f877A microcontroller, showcasing skills in embedded systems design and assembly language programming.	<a href="#">github.com</a>

## EDUCATION

9/2020 - 7/2024	<b>Birzeit University</b> Computer Engineering Expected Graduation: July 2024 Cumulative Average: 88.2%	Bachelor
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## LANGUAGES

English - C, Arabic - Native