

Danial Abu Yaman

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Summary

Motivated and detail-oriented Software Engineering student (B.Sc., expected 2027) with strong skills in Python, Java, C, C#, JavaScript, SQL, and web development. Experienced in full-stack development, embedded systems (ESP32), and software architecture. Strong problem-solving ability with hands-on project experience in IoT, databases, and responsive UI design. Seeking a Software Engineering Internship to contribute technical expertise in real-world development projects.

Education

ORT Braude College of Engineering, Karmiel, Israel

B.Sc. in Software Engineering, Expected Graduation: 2027

- Relevant Coursework: Data Structures, Algorithms, Software Architecture, Operating Systems, Object-Oriented Programming, Databases, Discrete Math, Software Project Management
- Personal Project: *BraudeFit* – Full-stack fitness website with responsive UI and integrated database
- Tools & Technologies: UML, System Design, Git, Software Modeling

Technical Skills

Programming Languages: Python, Java, C, C#, JavaScript, HTML, CSS, SQL

Frameworks & Technologies: Web Development, Object-Oriented Programming (OOP), Algorithms, Databases

Tools: Visual Studio, PyCharm, Eclipse, Spyder, Git, Photoshop

Systems: Windows, Linux (basic), Operating System fundamentals

Hardware: PC Assembly, Maintenance, Troubleshooting

Projects

BraudeFit – Full-Stack Fitness Web Application

- Developed responsive user interface using HTML, CSS, JavaScript
- Implemented backend logic applying MVC design principles and OOP
- Integrated database for user data management

Wi-Fi Controlled Light Switch (ESP32 + Servo Motor)

- Designed and built an IoT project to remotely control a servo motor via Wi-Fi
- Implemented mechanism to physically toggle light switches using servo
- Developed communication protocol between web interface and ESP32 (HTTP)
- Gained hands-on experience with embedded systems and IoT hardware

Languages

- Arabic: Native
- Hebrew: Fluent
- English: Fluent