

OSAMA MADI - SOFTWARE ENGINEERING STUDENT

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PROFILE

Third-year software engineering student at Braude College (**GPA: 87**), passionate about coding and software development. Actively seeking a student role as a junior / intern software engineer to apply my skills.

EDUCATION

BSc, Software Engineering

Braude College of Engineering, Karmiel

2023 – Present

Expected Graduation: June 2027

Bagrut in Computer Science

Ort Hilmi Shafie, Akko

2018 – 2021

PROJECTS

BLIB – Library Management System (*Jan – Mar 2025*)

[GitHub link](#)

Technologies: Java, JavaFX, FXML, MySQL, JUnit, P2P

Took the full-stack role in a team of three. Built a library system to manage users and book operations (borrowing, ordering, returning). Added JUnit tests to check main features and designed a user-friendly GUI and supported access for **100+ users** simultaneously.

MicroLearn – Educational Video Platform (*May – Aug 2025*)

[GitHub link](#) — [Website link](#)

Technologies: Next.js, Tailwind CSS, Javascript, MongoDB Atlas, Node.js, JSON, NoSQL, Vercel, RESTful APIs

Took the backend development role in a team of five. Implemented dynamic routing and server-side rendering. Integrated YouTube and Gemini APIs to support a 5-minute video platform helping students review missed lectures.

NotificationGuardian – Real-time Phishing Detection App (*Oct 2025*)

[GitHub link](#)

Technologies: Kotlin, Android SDK, Node.js, Express.js, Python, Gemini API, REST APIs

Developed during a hackathon. Built a mobile application that listens to incoming notifications and detects phishing attempts. Integrated Gemini and VirusTotal APIs to classify message content and alert users in real time, Got 6th place out of 40 teams.

SKILLS

Languages: C, C#, Python, Java, JavaScript, Assembly, SQL, HTML, React, Preact, NextJS, ExpressJS, Kotlin

Tools: Visual Studio/Code, Visual Paradigm, Eclipse, Git, GitHub, Vercel

Technologies: UML, Firebase, NodeJS, JSON, NoSQL, MySQL

Environments: Windows, Linux

VOLUNTEERING EXPERIENCE

Perach Tutor, Al-Manara School Acre

2023 – Present

Educational and personal tutor for elementary students.

Academic Mentoring Program, Braude College

2024 – Present

Mentor for first-year students, providing homework assistance and academic support.

LANGUAGES

Arabic: Native speaker

Hebrew: Highly proficient

English: Highly proficient