

Matan Ohayon

B.Sc. Computer Science Student (GPA 96, Dean's List) with hands-on Full-Stack & ML experience.

Seeking a Student Developer position to apply strong algorithmic skills in a production environment.

 [Portfolio](#)

 [050-7292524](#)

 [LinkedIn Profile](#)

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EDUCATION

- 2023 – Present **B.Sc. in Computer Science** | SCE – Sami Shamoon College of Engineering
(Expected completion: 2026)
 - ◆ GPA: 96 | Dean's List Excellence Award.
 - ◆ Specialization: Artificial Intelligence (Deep Learning, ML).
- 2024 – 2025 **Full-Stack Web Development Bootcamp** | Udemy
 - ◆ Comprehensive training in modern web technologies: React, Node.js, REST APIs, and Databases.

TECHNICAL SKILLS

- ◆ **Languages:** Python, Java, C++, JavaScript (ES6+), TypeScript, SQL.
- ◆ **Web & Mobile:** React, React Native, Node.js, HTML5, CSS3, Firebase.
- ◆ **AI & Data:** OpenCV, Pandas, NumPy, Scikit-learn, PyTorch.
- ◆ **Tools:** Git, Linux, Docker, VS Code, Postman.

PROJECTS

- ◆ **PrivacyShield – AI Security System** | Python, OpenCV, React
 - Developed a desktop app utilizing OpenCV for real-time face recognition to auto-lock screens upon unauthorized detection.
 - Engineered a high-performance Python backend communicating with a React interface via efficient IPC.
- ◆ **Spender – Expense Tracker** | React Native, Firebase
 - Built a cross-platform mobile app (Android/iOS) for finance management using React Native.
 - Integrated Firebase for real-time database, auth, and dynamic spending visualization charts.

WORK EXPERIENCE

- 2025 – Present **Algorithmic Research Assistant** | Ben-Gurion University (Joint Research Project)
 - ◆ Validating a location-allocation algorithm for emergency centres by executing complex simulations and analysing edge cases.
 - ◆ Refining system logic through output analysis and authoring technical documentation for operational use.
- 2020 – Present **Private Math Tutor**
 - ◆ Mentoring high school students in advanced Mathematics (5 units), improving analytical thinking and problem-solving skills.

MILITARY SERVICE – IDF

- 2023 – 2025 **Operations Center Manager (Reserves)**
Managed a classified war room during "Swords of Iron," coordinating real-time responses under pressure.
- 2017 – 2020 **Commander at Military Police**
Commanded and trained recruits, responsible for team discipline and operational readiness.

LANGUAGES

- ◆ Hebrew – Native
- ◆ English – Proficient