Matan Ohayon

B.Sc. Computer Science student at SCE (Dean's List, 96 GPA), with hands-on experience in software development, algorithms, and full-stack projects. Looking to join a development team and contribute to real, production-level work.

🌐 Portfolio   in LinkedIn Profile   ✉ Matan1Ohayon@Gmail.com

Education

2023 – Present
(Expected completion: 2026)

B.Sc. Computer Science / SCE COLLEGE
Computer Science student with strong foundations in algorithms, software development, and problem-solving. Specializing in artificial intelligence, currently taking machine learning and deep learning courses.
- ➢ **Social Network Server-Client project:** Implemented a multi-client chat system using a Thread-Per-Client architecture, including socket communication, message broadcasting, and connection management.
- ➢ **Machine Failure Prediction :** Developed and evaluated ML models to predict machine failures based on sensor-based features, focusing on improved accuracy and early detection of critical events.

2024 – 2025

Full-Stack Web Development / Udemy
Hands-on training in full-stack development, building and deploying responsive applications with HTML, React, Node.js, REST APIs, and PostgreSQL.

2011 – 2017

Rabin high school / Beer Sheva
Math and Physics 5 units, Computer Science 10 units ,graduated with excellence.

Skills & Technologies

- **Programming languages:**
  Java, C, C++, Python, JavaScript, SQL
- **Web Development:**
  HTML, CSS, React, Node.js, REST APIs
- **Data & Machine Learning:**
  Pandas, NumPy, Scikit-learn, Matplotlib
- **Tools & Environments:**
  Git, Linux, TCP/UDP networking, real-time system behavior, VS Code, Postman

Experience & Military Service

2024 – Present

Private Math Tutor
Tutoring high school students at all levels, with a focus on analytical thinking, problem-solving, and exam preparation.

2023 – 2024

Reserve Service – Operations Center / IDF
Served during the Swords of Iron War, managing a classified operations center. Worked 24/7 shifts, performing real-time monitoring, event response, and coordination in a high-pressure, fast-paced environment requiring situational awareness and clear decision-making.

2020 – 2022

Math Instructor in High School / Beer Sheva
Led classes and intensive preparation courses for 5-unit students.

2017 – 2020

Commander at Military Police / IDF
Trained and supervised recruits, developing leadership, discipline, and instructional skills. Responsible for team coordination and operational readiness.

Languages

Hebrew – Native
English – Proficient