

Shahar Golan

050-901-0051 | golan44556@gmail.com | shahar-golan.github.io/Web-build/ | linkedin.com/in/shahar--golan

About Me

Data Science first year M.Sc. student at the Technion institution, seeking a challenging position to apply my skills in developing ML algorithms for impactful data-driven projects. My anticipated research focus is on Gen AI in the medical domain.

Education – B.Sc.

University of Haifa | 2022 – 2025

Bachelor of Science in Computer Science | GPA: **87**

High grades in: Data Structures (92), OOP (94), Data Bases (94), Machine Learning (94), Deep Learning (95), Computer Vision (94), Probability A+B (100).

Dean's List in Computer Science (Yearly GPA: 91.5) | 2024

Psychometric | **729**

Research & Projects

Robotic Hand Imitation | *Supervisor:* Prof. Roi Poranne

Optimizing a pre-developed robotic hand to accurately mimic human gestures in real time, using data science techniques. The system is developed using C++ and Unity (C#).

Roots | Self-initiated project

Worked on DB management with PostgreSQL, optimized cloud data fetching, and deployed the platform on AWS using Flask and Docker. Currently, I am building an LLM integration instead of relying on costly third-party APIs like Gemini or GPT.

ADHD Diagnostic | *Supervisor:* Dr. Mario Boley

Developed a tool to identify children with potential undiagnosed ADHD, involving extensive data preprocessing and modeling using a Random Forest classifier.

Technical Skills

Programming: C, C++, Java, Python, SQL

Tools: Scikit-learn, PyTorch, Spark, AWS, Docker, Pandas, Git, HuggingFace

Languages: Hebrew (Native), English (Fluent)

Work Experience, Elbit Land Systems | 2021 - 2025.

Shift Manager | 2022-2025.

Manage a team of security guards in high-pressure and intensive work. Collaborate with senior company executives. Completed management training provided by the Ministry of Defense.

Military Service | 2017-2020

Completed advanced courses, including Commanders (08 classification) and Combat Fitness Instructor (Wingate school). Served as Physical Fitness Officer, providing support to soldiers with overweight.