Shahar Golan

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About Me

Ambitious third-year Computer Science student specializing in Data Science, seeking a challenging internship to apply my skills in software development and data analysis. Expected to pursue a master's degree in CS beginning in October 2025. **5 semesters left till graduation.**

Education

University of Haifa | 2022 – Present

Bachelor of Science in Computer Science | GPA: 86.2
High grades in courses: Data Structures, Algorithms, OOP, Data Bases, Probability, Machine Learning, Deep Learning.
Award for Excellence in Computer Science | 2024
Psychometric |729

Research & Projects

Robotic Hand Imitation | 2025 – Ongoing.

Developing a robotic hand that accurately mimics human movements in real time. Using experiments and data science techniques, we're improving its ability to recognize and replicate gestures naturally, with potential uses in robotics and prosthetics.

NBA Analysis | 2024

Researched the relationship between players' regular season performance and their achievements in playoff games through statistical analyses. Developed a classification model using machine learning to predict the probabilities of playoff team victories or losses.

Portfolio | 2023

Created an online portfolio through self-learning to display my expertise using CSS and HTML.

Technical Skills

Programming: C, C++, Java, Python, HTML, SQL
Tools: Scikit-learn, PyTorch, Spark, Docker, Pandas
Languages: Hebrew (Native), English (Fluent)

Work Experience, Elbit Land Systems | 2021 - Present.

Shift Manager | 2022-Present.

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, Border Police | 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.