

Eran David Tzarum

Herzliya, Israel

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PROFILE

Ambitious Computer Science graduate with a strong upward academic trajectory (Final Year Avg: 95+). Co-Founder of a consumer-tech startup and developer of an innovative AI-based assessment tool. Highly versatile, combining deep backend logic with frontend implementation. Passionate about efficiency, automation, and solving complex real-world problems through code.

EDUCATION

Ariel University <i>B.Sc. in Computer Science</i>	Ariel, Israel 2026
<ul style="list-style-type: none">Academic Excellence: Achieved a 95+ average in the final year (Cumulative: 78), demonstrating outstanding improvement and mastery of advanced topics.Specialization: Data Science, Cyber Security, and Game Development.Key Courses: Cyber Attack Detection (90), Data Compression (98), Algorithms 2, Operating Systems (100).	

EXPERIENCE

Smart-Fridge (Startup Venture) <i>Co-Founder & Lead Developer</i>	Herzliya, Israel 2022–Pres.
<ul style="list-style-type: none">Founded a consumer-tech startup aiming to reduce global food waste via smart inventory tracking and AI.Led the technical development of the Android MVP using Java and Android Studio.Translated complex business logic into a functional, user-friendly interface.Designed and implemented algorithms for expiration date tracking and automated shopping list generation.Managed the product lifecycle from concept to prototype, pitching to 50+ investors in an accelerator program.	
8200 IMPACT Program <i>Entrepreneurship Program Participant</i>	Tel Aviv, Israel 2022
<ul style="list-style-type: none">Selected for the prestigious 8200 IMPACT accelerator program.Developed business strategy and technical roadmap for the Smart-Fridge venture.	

TECHNICAL PROJECTS

"TimeSkip" – AI-Based ADHD Assessment Platform <i>Full Stack, Data Science</i>	Grade: 96
<ul style="list-style-type: none">Developed a stealth-assessment game in Unity (C#) to diagnose ADHD, tested on 104 students.Architected a Python backend connecting to a Supabase (PostgreSQL) database via RESTful APIs.Built a data pipeline extracting 23 behavioral features (e.g., Reaction Time CV, Micro-movements).Trained and deployed a Logistic Regression model (Scikit-learn) achieving ~85% accuracy.Optimized real-time event logging to capture millisecond-level player inputs.	
Communication Networks & Cyber Security <i>C, C++, Python</i>	Academic
<ul style="list-style-type: none">Implemented reliable data transfer protocols (TCP/UDP) and congestion control algorithms in C.Developed a cyber-attack detection tool analyzing network traffic patterns.	

MILITARY SERVICE

IDF Reserve Duty – "Iron Swords" War <i>Operational Duty (Volunteer)</i>	Khan Yunis / Gaza Strip July 2024 – April 2025
<ul style="list-style-type: none">Volunteered for 200+ days of operational reserve duty, serving in combat support roles.Demonstrated extreme resilience by balancing intense operational activity with final-year academic requirements (maintaining 95+ average).Displayed adaptability by volunteering for a different unit to support urgent operational needs.	
Israel Defense Forces (IAF) <i>Aircraft Firing Systems Technician</i>	Israel 2015 – 2018
<ul style="list-style-type: none">Responsible for critical aircraft systems, requiring high technical discipline and safety protocols.	

TECHNICAL SKILLS

Languages: C#, Python, Java, C++, C, SQL, JavaScript
Backend & Data: Supabase (PostgreSQL), REST APIs, Scikit-learn, Pandas, NumPy
Development: Unity Engine, Android Studio, Linux/Unix, Git, GitHub, VS Code
Concepts: OOP, Data Structures, Machine Learning Basics
Interests: Snowboarding, Surfing, Beach Volleyball, Strategic Gaming, Entrepreneurship