

ELAD HIRSH

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PROFESSIONAL EXPERIENCE

Rubicon Robotics

New York City, NY

Product & Software Developer Engineer Intern

Jun, 2026 – Aug. 2026

- Architecting machine learning sub-models within a proprietary analytics engine to convert submerged athletic video into quantifiable performance data for coaching optimization
- Synthesizing technical engineering work with product strategy to deliver data-driven insights and enhance the user experience

Consulate General of Israel

New York City, NY

AI Transformation & Software Solutions Lead

Aug. 2024 – Jun. 2026

- Engineered and maintained enterprise software systems, including SAP integrations, to streamline mission-critical workflows across administrative, travel, and human resources functions
- Designed and deployed LLM-powered automation and agentic workflows for HR and travel operations, reducing travel-processing turnaround time by 20%, onboarding time by 33%, and increasing recruiting capacity by 40%
- Developed workforce analytics and resource-forecasting models using internal data from more than 200 employees across 15 departments, translating operational requirements into technical roadmaps and strategic recommendations

Embassy of Israel

Washington, DC

Assistant Naval Attaché

Jul. 2022 – Aug. 2024

- Coordinated high-level defense engagements and briefings between military attachés and international counterparts, ensuring diplomatic precision under strict confidentiality
- Oversaw logistical and operational support for 10+ joint security initiatives with the U.S. Navy
- Supported the Israeli Defense Attaché (2-Star General) as a U.S. defense technology analyst, identifying and evaluating advanced U.S. defense and dual-use technologies

Directorate of Defense Research & Development (Israeli DARPA)

Tel Aviv, Israel

R&D Project Manager & Dual-Use Tech Analyst

Nov. 2020 – Jul. 2022

- Oversaw cross-functional R&D teams (engineers, scientists, and analysts) developing dual-use biotech solutions for rapid field deployment and defense applications
- Led dual-use technology scouting and analysis, building partnerships with venture capital firms to evaluate cutting-edge startups and innovation ecosystems for dual-use
- Analyzed innovation ecosystems to identify strategic investment opportunities within biotech and emerging technologies sectors

EDUCATION

Columbia University in the City of New York

New York City, NY

B.A. Major in Computer Science, Special Program in Business Management

Sep. 2024 – Dec. 2027

- GPA:** 3.68
- Relevant Courses:** Machine Learning, Deep Learning, Intro to Databases, Discrete Math, NLP, Computer Vision, Data Structures, Probability Theory, Multivariable Calculus

LEADERSHIP & ACTIVITIES

The Humor Project

Digital Product Manager & AI Engineer

Sept. 2025 – Present

- Supporting end-to-end product strategy for an AI memory architecture spanning data infrastructure, retrieval pipelines, and evaluation tooling, and built an iOS application integrating on-device ML models for real-time contextual text generation, owning model optimization and API architecture.

Columbia Organization of Rising Entrepreneurs

Product Management Fellow

Jan. 2026 – May 2026

- Selected for a competitive fellowship connecting aspiring product managers with industry leaders through case discussions, hands-on workshops and mentoring focused on product strategy and execution

No-gears-typing

Developer

- Developed a program using Rust and Python to detect typing in the wrong language and intelligently switch to the correct language “on the fly”, seamlessly fixing text in real-time so the user never has to “shift gears” again

SKILLS & INTERESTS

Technical & Financial Skills: AI/LLMs, Excel, PowerPoint, Python (NumPy, Pandas), C, Rust, Java, Swift, SQL, TypeScript, React

Interests: Aviation, Basketball/NBA, Formula 1, Reading, Bicycle Riding, Hiking

Languages: English (native), Hebrew (native)