

David Eitan Lesman

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EDUCATION

Imperial College London <i>BEng Electrical and Electronic Engineering</i>	London, UK Sep. 2024 – June 2027
<ul style="list-style-type: none">Penultimate-year STEM student (expected graduation 2027)Relevant Modules: Probability & Statistics, C++ & Python Programming, Computer Architecture, Digital Logic Design, Analog Circuits, Philosophy	

EXPERIENCE

Incoming Hardware Engineering Intern <i>Splash</i>	Aug. 2025 – Sep. 2025 <i>Miami, US</i>
<ul style="list-style-type: none">Worked on full-stack IoT devices, combining embedded systems with real-time data analytics.	
Optiver and Imperial Trading Academy <i>Optiver</i>	May 2025 – June 2025 <i>London, UK</i>
<ul style="list-style-type: none">Completed a rigorous, trading simulation-based program guided by current Optiver traders.Designed and implemented a market-making algorithm under real-time trading conditions.Developed risk management intuition and learned trading strategies rooted in statistical reasoning.	
Europe Spring Terminal <i>Citadel</i>	April 2025 <i>Remote, EU</i>
<ul style="list-style-type: none">Ranked 6th among all European teams in Citadel's algorithmic trading competition.Engineered competitive, real-time strategic game bots using Python.Rapidly iterated under tight deadlines in a high-stakes team environment.	
Software Engineering Fellow <i>Headstarter AI</i>	July 2024 – Sep. 2024 <i>Remote, US</i>
<ul style="list-style-type: none">Developed five technical projects using LLMs (OpenAI, Gemini), Django, and Python.Led Stripe payment integration; mentored peers and participated in Agile workflows.	
Co-Founder <i>helpukrainians.be</i>	April 2022 – Dec. 2023 <i>Remote, BE</i>
<ul style="list-style-type: none">Created donation-matching platform using Django & REST APIs.Enhanced user engagement and streamlined authentication processes by implementing automated email notifications.	
Volunteer Full Stack Developer <i>Hatzolah Volunteer Medical Emergency Services</i>	July 2023 – Sep. 2023 <i>Remote, BE</i>
<ul style="list-style-type: none">Delivered a secure analytics dashboard with 2FA and real-time tracking.Automated engagement workflows using cronjobs and custom email systems.	

SKILLS & INTERESTS

Programming Languages & Tools: Python (primary), C++, SQL, Git, Linux, Pandas, NumPy, Matplotlib, Django, Selenium, JavaScript
Trading & Quant Skills: Probability, Game Theory, Market-Making Logic, Risk Analysis
Languages: English, French, Dutch, Hebrew, Yiddish

Competitive Strategy: Chess, competitive SSBU

Padel & Fitness: Tournament-Level Amateur Player

Philosophy: Ethics, Economics, and Political Systems