

# David Eitan Lesman

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## EDUCATION

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### Imperial College London

*BEng Electrical and Electronic Engineering*

London, UK

Sep. 2024 – June 2027

- Penultimate-year STEM student (expected graduation 2027)
- **Relevant Modules:** Probability & Statistics, C++ & Python Programming, Computer Architecture, Digital Logic Design, Analog Circuits, Philosophy

## EXPERIENCE

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### Incoming Hardware Engineering Intern

*Splash*

Aug. 2025 – Sep. 2025

Miami, US

- Worked on full-stack IoT devices, combining embedded systems with real-time data analytics.

### Optiver and Imperial Trading Academy

*Optiver*

May 2025 – June 2025

London, UK

- 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

*Citadel*

April 2025

Remote, EU

- 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

*Headstarter AI*

July 2024 – Sep. 2024

Remote, US

- Developed five technical projects using LLMs (OpenAI, Gemini), Django, and Python.
- Led Stripe payment integration; mentored peers and participated in Agile workflows.

### Co-Founder

*helpukrainians.be*

April 2022 – Dec. 2023

Remote, BE

- Created donation-matching platform using Django & REST APIs.
- Enhanced user engagement and streamlined authentication processes by implementing automated email notifications.

### Volunteer Full Stack Developer

*Hatzolah Volunteer Medical Emergency Services*

July 2023 – Sep. 2023

Remote, BE

- Delivered a secure analytics dashboard with 2FA and real-time tracking.
- Automated engagement workflows using cronjobs and custom email systems.

## SKILLS & INTERESTS

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**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