David Eitan Lesman

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EDUCATION

Imperial College London London, UK
BEng Electrical and Electronic Engineering *Sep. 2024 – June 2027*
- Topics include circuit design, complex electronics testing, and computer architecture
- Developed practical experience with Python, C++, and Arduino through coursework
- Hands-on laboratory work in testing and validating electronic circuits
- Active participation in group design projects focusing on hardware integration

Yeshivat Kerem B'Yavneh Kvutsat Yavneh, IL
Gap Year Program *Aug. 2023 – July 2024*
- Intensive philosophical, theological, and Talmudic study
- Enhanced problem analysis and resolution skills through study of Jewish law

EMPLOYMENT HISTORY

Software Engineering Fellow July 2024 – Sep. 2024
Headstarter AI *Remote, US*
- Completed 7-week intensive program, delivering three technical projects using Python
- Built payment-processing integration requiring thorough testing procedures
- Acted as a mentor to fellow participants, resolving technical challenges
- Refined communication and problem-solving skills through team-based development

Co-Founder April 2022 – Dec. 2023
helpukrainians.be *Remote, BE*
- Utilized technologies like Django, SQLite, and SMTP to deliver a scalable, user-friendly solution
- Launched a full-stack donation platform enabling users to list and request items for Ukrainian refugees in Belgium, facilitating community support
- Built core features such as item listings and messaging functionality for seamless coordination between donors and recipients

Volunteer Full Stack Developer July 2022 – Sep. 2022
Hatzoloh Volunteer Medical Emergency Services *Remote, Intl.*
- Applied web development, database management, and user experience design skills to address organizational need
- Developed a Django-based application to streamline donation tracking and donor communication managemen
- Implemented features for automated email notifications, improving donor engagement on important date
- Delivered real-time tracking and reporting tools, enhancing operational efficiency

IT Intern Aug. 2021 – Sep. 2021
Drapantex BV *Antwerp, BE*
- Gained hands-on experience in HTML, CSS, and JavaScript, along with teamwork skill
- Designed and developed the company's official website, improving its online presence
- Collaborated with the team to understand and translate business requirements into solution

FURTHER SKILLS, EXPERIENCE, AND INTERESTS

Joker | *Python, Django, Gemini, Stripe* Aug. 2024
- AI-powered flashcard generator using Gemini AI, enabling automated study material creation with intelligent content generation
- Django-based web application with PicoCSS responsive design, featuring Stripe payment integration for seamless premium feature access

Philosophy: Recently took an elective module covering mind-body problem, political systems, and machine consciousness
Competitive team sports: Joined an amateur football team and competed in local padel tournaments

Languages: English, French, Dutch, Hebrew, Yiddish
Programming Languages: Python, C/C++, SQL, JavaScript, HTML/CSS
Libraries: Django, pandas, NumPy, Matplotlib