

Alfie Joseph Rees

AI-Engineer & Developer | Economics & Data Science

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PROFESSIONAL SUMMARY

AI-native economics and data science student at Reichman University with a genuine passion for how AI is reshaping how businesses interact with data. I integrate AI tools such as Claude, coding assistants, Gamma and image generators into everything I do, from research and outreach, to presentation and analysis. I have hands-on experience in customer discovery, market research, outbound validation (100+ respondents), and pitching to investors. A strong communicator with a proven ability to explain complex ideas simply, I am energised by early-stage startup environments and thrive when building from scratch.

EDUCATION

BSc Economics, Entrepreneurship & Data Science | Reichman University 2024 – 2027

GPA: 92 (Current)

- Honors programme participant — selected for an elite interdisciplinary cohort focused on entrepreneurship, innovation, and leadership.
- Key modules: Python | Statistics | Financial management | Mathematics | Intro to R | Excel | Data Analysis | ML

BSc Mathematics with Economics & Finance (transferred) | City University of London 2023 – 2024

- Completed foundational modules in quantitative analysis, financial modelling, algebra, and calculus before relocating to Israel

A-Levels | Brampton College 2019 – 2021

- Mathematics (A*) | Economics (A) | Psychology (A)

WORK EXPERIENCE / PROJECTS

Founder & Builder – [Under Fire](#) | AI-built project 2025 – Present

- Built Under Fire, a data visualisation project tracking rocket, missile, and drone alerts across Israel from 2020 to present, using AI agents and automation workflows to accelerate research, development, and analysis.
- Designed and implemented interactive dashboards, maps, timelines, and visual storytelling elements to make complex security-alert data more accessible to the public.
- Used AI tools to support the full build process, including dataset exploration, code generation, debugging, UI/UX iteration, copywriting, and feature planning.
- Managed the project independently from concept to build, demonstrating practical experience in AI-assisted product development, automation, and rapid prototyping.

Financial Analyst | Shelley Company 2023

- Independently built a dynamic 1-year financial forecast (cash flow, scenario analysis) for an office rental business, projecting ~£700k in revenue and directly informing budgeting decisions.
- Conducted market research and translated data into actionable pricing and equipment recommendations, identifying a 15–20% margin improvement opportunity.
- Collaborated iteratively with the CEO, refining model assumptions and output based on stakeholder feedback. Strong early exposure to working directly with senior decision-makers.
- Delivered a production-ready model with no prior formal forecasting experience, demonstrating rapid upskilling under pressure.

IGCSE/AS Teacher (Mathematics, Economics & Business Studies) | King Solomon School & London Mechina

2023 – Present

- Helped students achieve significant academic improvement, including an average two-grade increase across cohorts
- Invited back to teach AS-Level Mathematics and Business Studies, reflecting reliability, strong student outcomes, and trust from school leadership.
- Designed lesson plans, marked assessments, and provided personalised feedback to support students with different learning styles and confidence levels.
- Built strong communication, persuasion, and explanation skills by adapting technical concepts for non-technical audiences.

SKILLS & TOOLS

- AI & Automation:** Claude | ChatGPT / Codex | GitHub | Higglesfield | Gamma | Google Prompting Essentials
- Technical:** Python | Excel (advanced) | SQL | R | Financial modelling | Statistics & regression analysis | EDA
- Soft Skills:** Written & verbal communication | Public speaking | Leadership | Resilience | Structured problem-solving
- Languages:** English (native) | Hebrew (conversational)

ACHIEVEMENTS & CERTIFICATIONS

- Google Prompting Essentials (Coursera / Google) — Advanced AI prompting, data analysis, and creative applications.
- UKMT Intermediate Mathematical Olympiad — Gold Award (top ~7% nationally).