

Lewis Mazzei

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EXPERIENCE

Self Employed

Technical Founder

Remote

June '25 - Present

- Founded several projects, working with founders to define their product and bring it to market.
- Currently building a campervan rental marketplace/platform for a Sydney-based startup.

AI Office (by Behavioural Finance)

Founding Engineer

Remote

June '23 – June '25

- Played a key role in the company's evolution from a single-product business to a back-office automation platform.
- Principal engineer behind the original core project, [AutoSL](#), a document automation software that reduced turnaround time by 300-600x (1-2 days down to ~5 minutes).
- Built auxiliary tools that enabled its integration into a larger pipeline, [Auto E2E](#), which led to the company's six figure valuation.
- Gained experience working with domain experts on undefined problems, effectively translating domain knowledge into product requirements.
- Onboarded a junior developer into the project: specified and delegated work packets, managed and mentored them to the point of dramatically improved and increased output.

Behavioural Finance

Software Eng. (Ind. Contractor)

Remote

Oct '22 – June '23

- Shipped a core new feature on the company's initial product offering, [WealthPersonality](#).
- Migrated the entire application from ASP.NET Core 3.1 to .NET 6, restoring security support.
- Built a new proof of concept, envisioned to be the company's second product offering.
- Replatformed the company [website](#) to a modern stack, eliminating reliance on an external agency.

MarkToMarket

Software Eng. Intern

Edinburgh, Scotland

Summer '19

- Tasked with developing a system that could scrape company and employee information from the web.

- Reported to senior engineers CTO on progress, keeping alignment on product requirements and solution architecture.
- Solution (written in Python) makes several requests to a Search Engine Result Page API (SerpApi) that targets result pages pertaining to a company's parents, subsidiaries and employees. Responses are first cached in an AWS S3 bucket, before being batch processed into a graph composed of related companies and their respective employees.
- Information scraped is valuable to the company and is applicable to several planned features that the team will now look to implement.

Float

Software Eng. Intern

Edinburgh, Scotland

Summer '18

- Product developed using a Ruby on Rails backend coupled with a React/Redux frontend.
- Implemented a redesign of the user survey system, improving the user experience.
- Followed the team's test-driven development approach using RSpec and Jasmine.

EDUCATION

University of St Andrews

BSc Computer Science (2:1)

St Andrews, Scotland

June '22

- Distributed Systems, OO & Functional Programming, Algorithms & Data Structures, Databases, Software Verification, Computational Complexity, Artificial Intelligence, Networking, OS & Systems Programming, Component Technology, Signal Processing, Programming Language Design & Implementation, NLP, Logic & Reasoning, Software Engineering.
- Awarded best project in my penultimate year.
- Competed in 10 hackathons throughout the UK, Switzerland and Spain.
- President of the Mindfulness Society.

SKILLS

TypeScript (Next.js, Node.js, React), HTML, CSS (Tailwind), SQL, Python, Java, C, Git, Docker, C# (.NET)

ACHIEVEMENTS

Bonus & Equity @ Behavioural Finance (£10k & 2.5%)

Best Junior Honours Project 2020/21

Dean's List 2020/21

3rd Overall @ HackUPC Fall 2017 (129 submissions)

U18 Prize @ Hack the Burgh 2016