# Elliot Currie

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## Professional Summary

Self-taught Automation & Internal Tools Developer with a track record of turning manual, inefficient business processes into clean, scalable systems. Strong in Python, SharePoint, Excel, Power BI, Power Apps, and Power Automate - with a deep focus on integrating data pipelines, driving operational visibility, and enhancing engagement. From automating lead generation and agent performance tracking to building real-time dashboards and gamified systems, I deliver tools that solve real business problems. Known for acting without waiting on red tape, working across teams, and bringing structure where there was none.

## Professional Experience

### New Business Data Generator (via Agency)

Leaders Romans Group — Salford, UK  
Oct 2024 – Present

* Built multiple web scrapers with Playwright and HTTP/BeautifulSoup to aid in business generation.
* Automated pipelines built off the back of scraping activity, fed into Power BI reports and notification systems.
* Architected a SharePoint/Power Platform-based lead management system to replace manual spreadsheets and day-to-day operational forms (pending implementation).
* Scraped call log data to build performance DB.
* Created HTML email reports and implemented reporting using call log data.
* Designed and deployed PTD League - gamification system with sabotage, promotion/relegation, near-real-time leaderboards, and 3D modelled assets as a reward mechanism.
* Given informal dev ownership of internal reporting app.
* Explored call transcription via Whisper, and image classification via CLIP.
* Developed a script orchestration tool for process visibility, real-time monitoring, and memory optimization - currently used to manage all scraping processes.
* Provide day-to-day assistance in Excel to colleagues upon request.

### Commercial Data Analyst / Trader / Trading Executive

Clear Channel UK — Trafford, UK  
May 2021 – Aug 2024

* Shifted from trading to internal tools through problem-solving reputation.
* Used Power BI when Excel hit limits; learned Power Automate and Python for API integration.
* Built multiple Power BI reports to assist commercial teams in fulfilling contractual obligations, ensuring campaign delivery (in-flight), and planning campaigns.
* Built multiple excel tools for automating data transformation tasks.
* Personally requested by company directors to resolve a high-impact operational issue. Designed and delivered a Python GUI tool, automating a critical workflow and eliminating manual bottlenecks. Successfully deployed in a restricted IT environment, navigating internal security constraints.
* Trusted by trading director who was quoted, saying “When in doubt, let Elliot figure it out.”

## Skills & Tools

Languages:  
Python, SQL, VBA

Automation & Tools:  
Power Automate, Power Apps, SharePoint, Power BI, Excel, Adaptive Cards, Jupyter Notebooks, Playwright

Database & Data Flow:  
PostgreSQL, SQL Server, SQLite, APIs

Other:  
User-focused interface design, stakeholder collaboration, building tools within restrictive environments, building tools without formal resourcing

## Education

BEng Mechanical Engineering  
University of Huddersfield - 2017–2020

BTEC Level 3 Extended Diploma - Electrical & Electronic Engineering  
Bury College - 2013–2015