SAM FARRANT

Software Engineer | Automation | Development | Data Analysis

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EXPERIENCE

Developer/Data Analyst/Operations Manager
InvestUK Group (Innovate in Britain) - London, UK
04/2021 - Present

Developer and Data Analyst Responsibilities

- Designing and developing automations using Python and Azure to streamline company workflows
- Responsible for maintaining all company data, tech systems and CRM software, ensuring high data integrity across the business.
- Utilising programming languages including JavaScript, and Python to build dashboards and visualisations for reporting, enabling stakeholders to make informed business decisions and often presenting interpretations of the data.
- Designing and building websites for InvestUK subsidiaries.
- Collating data and producing company Quarterly Reports from business metrics.
- Creating automated marketing campaigns.
- Responsible for training colleagues with new software and helping with problems.

Monitoring and Operations Responsibilities

- Monitoring and assessing performance of start-up business clients to ensure they are remaining within government visa regulations.
- Liaising with CEO's and founders from all over the world on a daily basis.
- Conducting visa application interviews and assessing applicant eligibility.
- Exposure to completing angel investment deals.

Assistant Engineer
Purer Solutions - Kent, UK
2019 - 2021

- Assisting with design and installation of WiFi networks.
- Installation of CCTV, door access and touchscreens.

EDUCATION

Nottingham Trent University
2017 - 2020
BSc Financial Mathematics 2:1

Oakwood Park Grammar School
2010 - 2017
A Levels (Mathematics, Physics, Graphics) - B, B, C
GCSEs - 10 A* - C

SKILLS & COMPETENCIES

Programming Languages: Python, JavaScript, HTML, CSS

Frameworks & Libraries: Django, React, Requests, Matplotlib, Pandas, NumPy

Databases & Cloud: SQL, Azure (Functions, Tables, Blobs, Containers)

Systems: Windows, macOS, Linux (basic terminal operations), Git & GitHub

Software: Webflow, WordPress, Excel & Microsoft Office suite

KEY ACHIEVEMENTS

- Co-led the introduction of a new investment platform, including documenting process flows and preparing presentations to stakeholders.
- Implemented an invoicing and payments tracking system, allowing the finance team to accurately record and manage the process, enabling management to gain comprehensive analysis and strategic insights.
- Developed automations to reduce time spent on repetitive tasks for all employees, leading to a 15% increase in sales volume.
- Received a mark of 100% in my final year project titled Principal Component Analysis for Face Recognition
- Created a downloadable Python package called jsonschema_explorer to aid in understanding the structure of a JSON object

HOBBIES & INTERESTS

- I love sport and play football and squash regularly.
- I am currently enjoying creating an FPL web app using Django to give me insights about my fantasy team.
- I have a passion for music and enjoy playing the guitar and piano. I have also recently enjoyed creating my own music with Logic Pro X production software.