

# SAM FARRANT

Software Engineer | Automation | Development | Data Analysis

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## EXPERIENCE

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### 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 Wi-Fi networks, CCTV, door access and touchscreens.

## EDUCATION

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### 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

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**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

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- 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 an importable Python package called `jsonschema_explorer` to aid in understanding the structure of a JSON object.

## HOBBIES & INTERESTS

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- 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
- I am a sociable individual and enjoy spending time with family and friends.