Frankie Homewood

in Frankie-Homewood | ✉ F.Homewood@outlook.com | 📍 United Kingdom

A dependable and enthusiastic Data Engineer with demonstrable communication and teamwork skills. Offering visibility and efficiency in database solutions via Python and SQL proficiency. Experienced in test-driven development and applies agile workflow methodologies in teams to effectively collaborate on large cloud-based data warehousing projects.

EXPERIENCE

July 2024 – Present
Shoreditch, London

Data Engineer | *Oodle Car Finance*

Key Skills: ETL · Infrastructure · Data Modelling · Documentation
Main Stack: AWS · Apache Airflow · Terraform · Snowflake · Fivetran · dbt

- Enhanced data security by codifying roles and privileges in a Terraform repository.
- Improved reliability of data pipelines by migrating legacy Apache Airflow code into MWAA.
- Unified 500k lines of code across 200 files by enabling code owners to assess and enforce quality code practices using GitHub Actions to automatically report code cleanliness on features.

Nov 2020 – July 2024
Portsmouth, Hampshire

Senior Data Engineering Consultant | *Datavault UK*

Key Skills: Leadership · CI/CD · ETL · Data Vault 2.0 · Data Architecture · Communication
Main Stack: SQL · Python · dbt · Snowflake · Azure · AWS · Terraform

- Enhanced customer utility of company's public dbt package '*AutomateDV*' by increasing the automatic generation of SQL for DV2.0 tables by 17%.
- Led team of 4 data engineers to achieve deliverables, both internally and as a client team lead.
- Created visibility on timelines & key team performance metrics by applying agile workflows.
- Enabled stakeholders to review quantitative QA metrics in a dashboard by automating the delivery of test results from a test harness of 5000+ data quality tests.

June 2019 – Aug 2019
Brighton, East Sussex

Academic Research Associate | *University of Sussex*

Key Skills: Data Analysis · Particle Collider Data · C++ · Monte Carlo · UNIX · Field Theories

- Developed an algorithm for finding the extreme upper and lower bounds of model parameters.
- Generated quantitative confidence levels for the bounds of the parameters discovered.

June 2018 – Sept 2018
Folkestone, Kent

Hardware & Software Support Technician | *Warren IT Services Ltd.*

Key Skills: Software Development · Hardware Maintenance · OOP · Customer Support · Soft Skills

ACHIEVEMENTS

Mar 2025	dlt ELT Specialist	*dltHub*
May 2022	Certified Data Vault 2.0 Practitioner	*Data Vault Alliance*
Jun 2021	Data Intelligence & Modeller Suite Technical Sales Accreditation	*erwin by Quest*
Nov 2018	Top 7% Scorer in Credit Suisse Coding Challenge	*Credit Suisse*
June 2017	Python Competency Certificate	*University of Sussex*

EDUCATION

Sept 2016 – July 2020
Brighton, East Sussex

MPhys Master of Physics - First Class Honours | *University of Sussex*

Key Courses: *Data Analysis Techniques (93.0%), Scientific Computing (87.0%)*

Sept 2014 - June 2016
Ashford, Kent

A-Level Certificates | *Norton Knatchbull Grammar School*

Results: *Physics B, Mathematics B, Computer Science B, Chemistry C*

LANGUAGES
English (Native fluency), Swedish (Intermediate A3)

INTERESTS
Professional Campanology, Linguistics, Sea Swimming, Hiking