

Jody Huyck-Jones

(+44)-7305-624769 • jodyhj@outlook.com • London, UK

[linkedin.com/in/jodyhj](https://www.linkedin.com/in/jodyhj) • github.com/jdhuyck

Professional Summary

Results-driven Data Scientist and Engineer with expertise in backend systems, API integrations, and data pipeline automation. Proven ability to lead projects from concept to deployment, including Gmail/Shopify API implementations and database architecture. Strong foundation in Python, cloud services (AWS S3), and ETL processes.

Technical Skills

Languages: Python (Pandas, NumPy, FastAPI), SQL, Rust, JavaScript

APIs: Google, Shopify, Discord, RESTful Services

Cloud/Storage: AWS S3, PostgreSQL, MongoDB

Tools: Git, Docker, Github Actions, Linux

Concepts: Data Modelling, API Integration, Backend Development, CI Development

Experience

Associate Data Scientist & Engineer | PreWarp, United Kingdom

- Led end-to-end implementation of Gmail API integration to automate processing and storage of client emails.
- Designed data pipelines ingesting Shopify API data into PostgreSQL.
- Developed unified product mapping for the specialty stores of all clients.
- Architected AWS S3 storage solution for scalable data retention, improving query efficiency across the board.

Lab Technician | Middlesex University, London, United Kingdom

- Automated server terminal updates using bash and python scripts.
- Optimised network infrastructure to improve data transfer efficiency.

Student Ambassador | University of York Mathematics Department, York, United Kingdom

- Delivered technical seminars on data analysis for prospective students.
- Conducted candidate interviews alongside professors and lecturers.

Team Leader | YUSU NightSafe Project, York, United Kingdom

- Administering emergency first aid in public settings.
- Coordinated volunteer teams collaborating with emergency services.

Projects

Shopify Data Mapper | Python, PostgreSQL

- Engineered relational database schema for SKU data extraction via Shopify API.
- Implemented specialty store integrations for wholesale reporting systems.

Email Processing Automation | AWS S3, PostgreSQL, Google API, FastAPI

- Designed relational data structures for client email analysis
- Integrated S3 storage protocols for Google API REST objects.

Education

BSc Mathematics and Computer Science | University of York, York, United Kingdom

Relevant Coursework - Algorithms, Relational Databases, Machine and Deep Learning, Statistical Modelling, High-Integrity Systems Engineering.

Projects

- Built computer vision classification systems using TensorFlow.
- Conducted topological data analysis using Persistent Homology with R.

A Levels | Wren Academy, London, United Kingdom

Qualifications - Mathematics, Further Mathematics, Computer Science