

Ve Gomez

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What I'm looking for | A place of work with a mission I believe in, where I think I can learn something new and have a genuine positive impact, and where I believe I will be encouraged to do so.

What I'm good at | Thinking about systems and processes, creative and optimal solutions, grounded project management, kind and direct communication.

A bit about me | Outside of work I love the music scene in London, both going to gigs and playing music; and anything outdoors. I recently did the Inca trail to Macchu Piccu which has been a real highlight.

Experience

2023–now | Data Engineer, Octopus Energy

- Streamlined and optimized the gross profit margin (GM) pipeline, ensuring efficient operation during periods of rapid company growth, including after the acquisition of Bulb Energy.
- Moved the GM engineering team from a team of one to a team of three, implementing changes that made it more maintainable and accessible.
- Created a set of CLI tools to automate creation of jobs, plus other utilities to make the team more efficient.
- Delivered effective presentations on engineering work to key stakeholders, including the CFO and financial controller.
- Ran a series of internal talks on data topics that are attended many members of data teams across the Group.

2022–2023 | Data Analyst, Octopus Energy

- Although nominally a Data Analyst this was more of an Analytics Engineering role, because of the maturity level of the data environment at the time.
- Developed and maintained an automated data pipeline from source to reporting, optimised using dbt and Spark.
- Sourced and transformed data from operational databases and DataDog for the Debt & Credit function's decision-making process.
- Served as gatekeeper of the organisation's monorepo, ensuring accuracy and reliability.

2021–2022 | Workforce Planning Analyst, Monzo Bank

- Created forecasts for operational demand using a variety of methods including regression analysis for short timescales.
- Designed automation tools to streamline forecasting processes.

Education

2017–2020 | Mathematics, University of Manchester

- Including modules in cryptography, statistics & probability, stochastic modelling of financial processes, Python, R, and Matlab.
- My main focus during these three years was on the intersection between Pure Maths and Mathematical Physics; I took courses in fluid dynamics & mechanics, quantum mechanics, elasticity and wave motion.
- I did my degree project on acoustic scattering problems and modelling these in Python. The repo for this can be found [on my Github](#).
- I also took a couple external essay based courses discussing the future of an AI integrated world and digital security, as well as a German course.