

# Python Developer (Mathematical Optimisation)

**Location:** UK (Remote) | **Type:** Part-time | **Position:** Paid Internship/Freelance (first month unpaid evaluation period)

## About the Role

We are seeking a **Python Developer** with a strong interest in **mathematical optimisation** to work on optimisation-driven data applications. This role suits students and graduates who enjoy problem-solving and applying mathematical techniques to practical software challenges.

## Key Responsibilities

- Design and implement **mathematical optimisation models** in Python.
- Apply optimisation techniques to **real-world scheduling, planning, and resource allocation problems**.
- Work with libraries such as **PuLP, OR-Tools, Pyomo, Gurobi** (knowledge of one or more is a plus).
- Collaborate with the engineering team to integrate optimisation solutions into production.
- Support testing, debugging, and refining algorithms for scalability and performance.

## Requirements

- Strong proficiency in **Python**.
- Background in **Industrial Engineering, Mathematics, or Computer Engineering**.
- Solid knowledge of **optimisation methods** (linear, integer, or nonlinear optimisation).
- Analytical problem-solving mindset with attention to detail.
- Good understanding of algorithms and computational complexity.

## Eligibility

- Open to **3rd and 4th-year students, Master's and PhD students, and recent graduates**.
- Internship/Freelance position (part-time).
- **First month is an unpaid evaluation period**, followed by a paid arrangement.

This role is open for one of our business partners in the United Kingdom. Please send your resume via this application form: <https://linmetrics.com/gmfom>