

HELDER MATIAS

JUNIOR DATA SCIENTIST
JUNIOR PYTHON DEVELOPER



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[Hyperion Dev Portfolio](#)

PROFILE

I am a highly motivated career-changer with a successful track record as a chartered engineer with excellent problem solving and conflict resolution skills, currently seeking to transition into to the technology sector as a Junior Data Scientist or Junior Python Developer. Recently completed a rigorous bootcamp, gaining proficiency in Python programming and related Data Science matters. Excited to apply engineering and numerical problem-solving skills to contribute effectively to Data Science and Software Development projects.

SKILLS

- Python
- Pandas
- NumPy
- SQL
- Sci-kit Learn
- Machine Learning
- Statistics
- Git-Hub
- Visual Studio
- Presentation Skills

EXPERIENCE

HYPERION DEV COGRAMMAR BOOTCAMP - DATA SCIENCE

Marc 2024 - September 2024

- The bootcamp aims to introduce and develop Python and Data Science knowledge by a series of lectures and practical activities.
- Achieved an overall **+90%** average for the bootcamp tasks
- Became proficient in Python within 6 months, enhancing coding skills and efficiency in data manipulation for analysis.
- Acquired hands-on experience with key data science libraries including NumPy, Seaborn, Pandas and Scikit-Learn.
- Successfully completed practical projects.

EDUCATION

HYPERION DEV

Data Science Bootcamp
2024

CODECADEMY

Python - Intermediate
2024

Python Beginners
2023

PROJECTS

- Kaggle Data Sets Analysis
- Algorithmic Trading & Back testing
- Data Visualization
- Summarizing Speeches with NLP

EDUCATION

UDEMY

Python for Beginners
2023

BRISTOL UNIVERSITY

MSc Finance & Investment
2011-2012 (Merit)

CARDIFF UNIVERSITY

MEng Civil Engineering
2007-2011 (First Class Honours)

SOFT SKILLS

- Problem-Solving
- Critical and Analytical Thinking
- Communication
- Initiative
- Team Player
- Decision Making
- Time Management
- Eagerness to learn

INTERESTS

- Currency / Stock Trading
- Financial Markets
- Real Estate Investments
- Current Affairs & Politics
- Travelling & Motorcycle

PREVIOUS PROFESSIONAL EXPERIENCE

STRUCTURAL ENGINEERING

Structural Engineer
2012-Present

- Concept design and coordination with Architects and other consultants.
- Dealing with ad-hoc site issues under time pressure.
- Multi-tasking and handling several projects with different deadlines.
- Calculations and concept visualizations with hand sketches.
- Providing technical leadership to more junior staff and resource management.

PARTY WALL

Party Wall Surveyor
2020-Present

- Negotiating with other party wall surveyors to produce a Party Wall Award (legal document).
- Conflict resolution between neighbours to reach a middle ground.
- Communication with various non technical parties to explain the party wall process.