MIGUEL ALMODOVAR

miguelalmod@gmail.com | +351926208419 | github.com/mialmodovar

EDUCATION

Queen Mary University of London

2022-09 - 2023-09

Msc Big Data Science with Distinction

- Awarded 82%
- Relevant Coursework: Big Data Processing, Distributed Systems, Cloud Computing, Data Mining.

ISCTE-IUL 2019-09 - 2022-06

Bsc Computer Science

- Awarded 16/20.
- Relevant Coursework: Web Programming, Databases, Operating Systems, AI, Software Engineering

WORK EXPERIENCE

Software Engineer

2023-09 - Current

Global Monarch, London

- Developed and implemented a comprehensive ERP web application tailored for commodity trading companies using Django and JavaScript, enhancing user experience with a responsive and intuitive UI designed with Tailwind.
- Engineered robust backend services with Django to handle complex data processing and integration with PostgreSQL, ensuring seamless data management and high performance.
- Designed and implemented a sophisticated security framework incorporating role-based access control (RBAC) and custom middleware in Django, significantly enhancing data protection and user management efficiency.

Intern Data Scientist 2023-06 - 2023-09

Profusion, London

- Conducted a project for a major car manufacturer, spearheading the implementation of explainability on a propensity model, significantly enhancing sales strategy.
- Received specialized training in data consultancy and technical aspects, strengthening data science skill set and client engagement capabilities.

Freelance Software Developer

All About Now, Remote

2022-08 - 2023-04

• Developed a B2B store on top of the Shopify API using Python and Javascript, resulting in a 20% increase on B2B sales over the following 6 months.

PROJECTS

Ethereum Analysis

2023-02 - 2022-03

• Employed ApacheSpark for data processing and analysis of Ethereum smart contracts, showcasing proficiency in data manipulation, exploration, and visualization techniques.

NLPStocks 2022-09 - 2022-12

- Built a stock market data and sentiment analysis web app, using Python, SQL, and JavaScript.
- Applied visualization and machine learning tools to analyze and process 500000 posts from social media.

ACTIVITIES

Professional Poker Player

2021-08 - 2022-08

Smart Poker Team

• Achieved a 24% return on investment (ROI) over a 12-month period with a starting bankroll of 2500\$.

ADDITIONAL

Technical Skills: Python, R, JavaScript, Java, SQL, MongoDB, PowerBI, Excel, Tableau.

Certifications: Data Science: Foundations Using R, Iot and Blockchain for Smart Cities, CS50 Web Programming.

Languages: English (Fluent), Portuguese (Fluent), Spanish (Fluent)