JORGE POOLE

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ABOUT ME

Computer Languages	Python (*inc. Pandas, Scikit-learn, Seaborn & Dask libraries*),
Software & Tools	Git, SQL, Tensorflow, Mathematica, Matlab, Excel, Qlik Sense, LaTeX
Professional Interests	Machine learning, neural networks, data visualization, financial markets
Languages	Spanish (working proficiency), Italian & French (basic)

EMPLOYMENT

Coller Capital   London (May 2019 -)
Data Scientist

- Built and maintained pricing & risk models for the evaluation of portfolios of LP interests in Private Capital funds
- Responsible for entire research workflow including idea generation, data acquisition, modelling, testing and implementation
- Promoted the use of data-driven techniques across the firm by hosting regular informal training sessions, hackathons and lunch & learns

Close Brothers Group   London (April 2018 - April 2019)
Automation & AI Engineer

- Provided improved operational efficiency and significant cost savings through the delivery of robotics process automation (RPA) initiatives with full lifecycle ownership
- Heavily involved in the development of the strategy of the automation team, including investment decisions in new intelligent automation technologies

EDUCATION

Fudan University   Shanghai (2016)
Research Exchange Programme

Thesis: Exploring Novel Quantum States in Ultracold Atoms on an Optical Lattice

- In collaboration with a research group at Fudan University, built a computational model using Mathematica to investigate the exotic quantum states that had been proposed to arise in geometrically frustrated anti-ferromagnets at ultracold temperatures

University of Nottingham   Nottingham (2012 - 2016)
MSci Physics (Hons. 1st Class)

PERSONAL PROJECTS

Udemy

- Python for Data Science and Machine Learning Bootcamp
- Quantitative Finance and Algorithmic Trading in Python

Kaggle

- House Prices: Advanced Regression Techniques
- Two Sigma: Using News to Predict Stock Movements