

JORGE POOLE

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ABOUT ME

Computer Languages	Python (<i>inc. Pandas, NumPy, Scikit-learn, SciPy & Dask libraries</i>),
Software & Tools	Git, SQL, Tensorflow, Mathematica, Matlab, Excel, Qlik Sense, L ^A T _E X
Professional Interests	Machine learning, neural networks, data visualization, financial markets
Languages	Spanish (working proficiency), Italian & French (basic)

EMPLOYMENT

Coller Capital <i>Data Science, Senior Associate</i>	London (May 2019 -)
<ul style="list-style-type: none">· Built and maintained pricing & risk models for the evaluation of portfolios of LP interests in Private Capital funds spanning Private Equity, Venture Capital & Private Debt· Models have been used to screen and price \$100bn+ of deal flow· Developed recommender system using natural language processing to generate sets of comparable public companies for valuation and volatility modelling· Presented to existing & prospective investors on the use of data, statistics & machine learning in the investment process· Responsible for entire research workflow including idea generation, data acquisition, modelling, testing and implementation· Conducted technical interviews and set modelling assessments for new hires· Promoted the use of data-driven techniques across the firm by hosting regular informal training sessions, hackathons and lunch & learns	

Close Brothers Group <i>Automation & AI Engineer</i>	London (April 2018 - April 2019)
<ul style="list-style-type: none">· 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 <i>Research Exchange Programme</i>	Shanghai (2016)
Thesis: Exploring Novel Quantum States in Ultracold Atoms on an Optical Lattice	
<ul style="list-style-type: none">· 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 <i>MSci Physics (Hons. 1st Class)</i>	Nottingham (2012 - 2016)

PERSONAL PROJECTS

Kaggle
<ul style="list-style-type: none">· House Prices: Advanced Regression Techniques· Two Sigma: Using News to Predict Stock Movements
Udemy
<ul style="list-style-type: none">· Quantitative Finance and Algorithmic Trading in Python