

# - Curriculum Vitae of Dmitry Rastorguev -

dmitry@rastorguev.co.uk

+44 7969 283 405

British Citizenship

Myers-Briggs Type Indicator: ENTP (Debater)

## Employment History

**Lead Data Scientist at Openwage (Salary Advance Lending using Open Banking Data)** Dec-20 – Feb-22

- Leading the data science and broader analytics functions, supporting portfolio financial and risk modelling scenarios.
- Working on proprietary lending decision making algorithms and building out underlying computational infrastructure in the cloud.
- Leading and supporting the due diligence on numerous business critical vendors (open banking data, fraud, security, compute, BI).

**Data Scientist at Cybertonica (Payments Transaction Monitoring & ML Fraud Detection Startup)** Feb-19 – Oct-20

- 5<sup>th</sup> hire in London and 1<sup>st</sup> data scientist in the company – directly reporting into CEO (London) and CTO (Moscow).
- Responsible for building risk monitoring analytics platform for a payments acquiring bank, using my financial portfolio knowledge.
- Design and test of different merchant risk metrics (fraud, credit, compliance and operational performance) for reporting and ML.
- Supported CCO on sales meetings and CPO with product development, requirements and management of live client projects.

**Freelance Work (Data Analysis, Web Development, Content Creation)** Sep-17 – Dec-18

- Contracted by Capital Enterprise to develop European Machine Intelligence Landscape (emil.aiseed.vc) - data analytics project to collect, analyse and visualise information on AI startups in Europe, hosted on Google's Firebase. Used Python and JavaScript (D3.js).
- Helped early stage start ups (SaffronBlue, instorative, TaskHeroes) with web development, data analysis and content creation.

**High Yield Origination Analyst – Leveraged Finance at BNP Paribas, London (Temporary Contract)** Oct-14 – Sep-16

- Was part of the team responsible for the origination, structuring and execution of high yield bond financings across Europe.
- Created financial models, presentations to clients, credit papers, sales memos and High Yield market updates.
- Used my own initiative to automate parts of internal databases by pooling data from Bloomberg and using Excel to format it.
- Managed the workflow with a junior analyst and interns in the team, mentoring and training them along the way.

**Client Core Data Analyst at BlackRock, London (Temporary Contract)** Dec-13 – Aug-14

- Undertook a number of large long term clean-up projects on client data from various internal databases used by the sales team.
- Quantitative and qualitative information analysis using Excel to identify, analyse and quality check relevant data sets.

**Summer Intern at Royal Bank of Canada Wealth Management, London** Jul-13 – Sep-13

**Summer Intern at Royal Bank of Canada Capital Markets, London** Jul-10 – Aug-10

## Academic Qualifications

**Merit in MSc Technology Entrepreneurship, University College London (UCL)** Sep-16 – Sep-17

- Practising Customer Development and Lean Start Up principles to help understand customer needs and product requirements.
- Implementing market research analysis to identify commercial opportunities and developing an appropriate strategy to execute.
- Investigating marketing channels and analysing their suitability for a variety of products and services at different stages of growth.
- Written a dissertation on "Data Analytics of Early Stage Ventures", applying Python (SciPy), MongoDB, Twitter and IBM Watson APIs.

**2:1 in BSc Economics and Statistics, University College London (UCL)** Sep-10 – May-13

- Developed a good quantitative foundation in statistical theory and its application in econometrics and quantitative finance.
- Heavily involved with UCL Boat Club, including acting as the Novice Men's Captain in my second year.

## Professional Financial Qualifications

**Chartered Financial Analyst (CFA) Program – Passed all 3 Levels on first attempt** Jan-14 – Aug-16

**ICAEW/CISI Diploma in Corporate Finance – Passed all 2 Units on first attempt** Feb-15 – Feb-16

**Chartered Alternative Investment Analyst (CAIA) Program – Passed all 2 Levels on first attempt** Nov-13 – Sep-14

## Technical Skills

- Programming skills in Python (Flask, Django, Beautiful Soup, SQLAlchemy, scikit-learn, Dask, NumPy, SciPy, Pandas, Matplotlib), Java, C/C++, Javascript (Node.js, React, jQuery, D3.js), HTML, CSS, Git and Jupyter Notebook – always learning new technologies!
- Experience with PostgreSQL, MySQL and MongoDB databases and Amazon Web Services, Heroku & IBM Watson cloud services.
- Experience of Excel includes using functions like vlookups, pivot tables, basic VBA and detailed financial modelling.
- Extensive experience of building custom databases and data analysis in Excel using data from the Bloomberg terminal.

## Independent Projects

tplusn.io – Automated data forecasting platform (started in Nov-20), Perept.com – personalised information recommender system focusing on education and learning (Mar-18 – Dec-18), Founders Time – content creation around London's early stage AI startups and their founders (Jan-18 – Dec-18), MenuHub.co.uk – a digital platform of restaurant menus for individuals with food allergies (Nov-16 – Jun-17), Young Anglo-Russian Professionals Network (YARPN) – organised informal monthly meetups (Feb-16 – Feb-17)