Mouad HADJI

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MSc Graduate in Engineering. Specialities : Data Science, Machine Learning, Business Strategy, Financial Modeling

Professional Experience

| From Jun 2016 | Tesla | Fremont, CA (US) |

Senior Data Scientist
- Convert large datasets into the actionable insights that drive business decisions at a global level
- Build, design and launch in production data products (extraction, modeling, visualization)
- Apply statistical analysis and scalable machine learning to drive decision-making
- Working closely with program managers to improve business processes and customer satisfaction
- Leading initiatives with engineering teams to improve product design and quality

| Jan-Jul 2015 | Argos Soditic | Paris (FR) |

Investment Research Analyst Intern, Private Equity
- Collect and analyze quantitative data around potential acquisition targets and portfolio companies
- Develop and maintain financial and operational models featuring complex investment scenarios
- Research project on the French Digital Plan for Education

| Jan-Sept 2014 | Tesla | Palo Alto, CA (US) |

Data Analyst Intern, Connected Car Program
- Data reporting for connectivity and business-modeling for new market entries
- Performed advanced data analysis for C-level executives to support strategic decision-making
- Contributed to algorithm design for cost optimization

| Jul-Dec 2013 | BNP Paribas Corporate and Investment Banking | London (UK) |

Business/Modeling Analyst Intern, Energy and Infrastructure, EMEA
- Involved in advisory of transactions in the Energy and Infrastructure sectors (gas and electricity networks, motorways, airports, oil and chemical tanks)
- Performed financial modeling, drafted pitch-books and participated in client presentations
- Focused on the different European regulations in electricity and gas businesses

| 2012-2013 | French Ministry of Higher Education | Paris (FR) |

Teacher Assistant for undergraduates in Industrial Sciences (Control Systems, Mechanics)

Education

| 2011 - 2015 | MINES ParisTech | Paris (FR) |

BSc & MSc, Mathematics, Economics, Computer Science
- Specializations : Statistics, Data Analysis, Business Strategy
- Main fields of study : Mathematics, Operations Research, Computer Science, Probability Theory, Statistics, Stochastic Processes, Data Analysis, Economics (Commodity, Industrial, Micro, Macro)

| 2015 | Ecole Polytechnique | Palaiseau (FR) |

Data Science Program, Visiting Student
Courses : Machine Learning, Data Mining

| 2008 - 2011 | Lycee Saint-Louis | Paris (FR) |

Advanced and intensive undergraduate program to prepare for national competitive entrance examinations to Top French Engineering Schools - Majors : Mathematics & Physics

Languages and Programming Skills

Computing	Full level : R, Python, VBA, Git, Unix/Bash, Plotly, Tableau - Exposure to : HTML/CSS, ask
Database	Full level : SQL, NoSQL - Exposure to : Hadoop, Spark, Impala
Software	MS Office, Latex, Photoshop, Premiere
Languages	Native French, Fluent English (TOEIC : 980/990), advanced level in Spanish

Activities and Interests

Self-Learning : Statistical Learning, Mining Massive Datasets, NLP with Deep Learning (Stanford University)
Social Impact : Mentored undergraduate students from Paris disadvantaged areas (Cahier Vert association)
Cultural Experience : Visited over 25 countries in 4 continents and worked in 4 countries (France, UK, USA, Canada)
Personal Interests : Soccer (participated to high-level competitions), running (half-marathon runner) and economics