

Mouad HADJI

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MSc in Applied Mathematics. 3 years of experience in Data Science. Looking for a position in the Autonomous Driving field.
Specialities : Data Science, Machine Learning/A.I. (NLP, Computer Vision, etc.), Financial Modeling, Business Strategy

Professional Experience

From Nov 2015	Tesla Senior Data Scientist, A.I. Technical Lead - Converted large datasets into the actionable insights that drive business decisions at a global level - Built, designed and launched in production data products (neural nets for Natural Language Processing and Computer Vision, predictive maintenance models, etc.) - Applied statistical analysis and scalable machine learning on car logs, geospatial and repair data to drive organization decision-making - Led initiatives with engineering teams to improve product design and quality - Worked closely with program and product managers to improve processes and customer satisfaction	Palo Alto, CA (USA)
Jan-Jul 2015	Argos Soditic Investment Research Analyst Intern, Private Equity - Collected and analyzed quantitative data around potential acquisition targets and portfolio companies - Developed and maintained financial models featuring complex investment scenarios	Paris (FR)
Jan-Sept 2014	Tesla Data Analyst Intern, Connected Car Program - Performed advanced data analysis to support strategic decision-making on fleet connectivity and new market entries. - Contributed to algorithm design for cost optimization and implementation of cross-functional projects to improve car connectivity.	Palo Alto, CA (USA)
Jul-Dec 2013	BNP Paribas Corporate and Investment Banking Investment Banking 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	London (UK)
2012-2013	French Ministry of Higher Education Teacher Assistant for undergraduates in Control Systems and Mechanics	Paris (FR)

Education

2011 - 2015	MINES ParisTech BSc & MSc, Applied Mathematics, Economics, Computer Science Completed a Bachelor and a Master of Science at MINES ParisTech Graduate School, the "French MIT" - 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)	Paris (FR)
2015	Ecole Polytechnique Data Science Program, non degree - Courses : Machine Learning, Optimization, Data Mining	Palaiseau (FR)

Languages and Programming Skills

Computing	Full level : Python, R, VBA, Git, Unix/Bash, Tableau, Plotly - Exposure to : C++, HTML/CSS, d3.js
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 : Mining Massive Datasets, NLP with Deep Learning [cs224n], Computer Vision [cs231n] (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), Ski, Economics