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26th February 1992 (27's old)

French nationality

OBJECTIVES

I'm looking for a position as lead data scientist. I'm passionate about data and the amazing possibilities it offers to strategic decision. Driven by analytical thinking and a strong business judgment I can work effectively in cross-functional teams making the bridge between developers and end-users. I've a curious and creative mind, motivated by the need to learn new skills and knowledge from all kinds of experiences. Consequently, I enjoy challenges and actively seek them out, making me a highly engaged worker with a radiant positivity.

SKILLS

IT skills	Office productivity software :	Pack Adobe, Pack Office, Pack Autodesk, Pack Osisoft (PI suite)
	Statistical/programming :	R, Python, Perl, SAS, JavaScript, HTML, SQL, Cypher, VBA
Languages	French :	native
	English :	upper intermediate (in both written and spoken)
	Spanish :	intermediate (Cambridge certification: B1)

EDUCATION

2014 - 2015	<u>Toulouse School of Economics</u> Master Economics of Market Organization Econometrics of Panel, Time series, Industrial Organization, corporate finance, business strategy, quantitative analysis for competition and network...	<u>Toulouse 1 Capitole university/Law faculty</u> Master International and European Law Competition and Regulation Law, International Law, Trade law, Intellectual property law, fiscal law ...
2011 - 2014	<u>Toulouse School of Economics</u> Licence in Economics Micro and Macroeconomics, Math, Statistic...	<u>Toulouse 1 Capitole university/Law faculty</u> Licence in Law (major in Public Law) Business law, E.U. market law, accounting
2010 - 2011	<u>Bellevue Preparatory Class For High Scientific Studies, Toulouse, France</u> Associate degree in Engineering Science Main Subjects: Mathematics, Physics and Chemistry, Programming	
2009 - 2010	<u>Lycée des métiers Clément Marot, Cahors, France</u> "Baccalauréat européen mention bien" French equivalent of : High school diploma obtained with distinction in Mathematics, Natural Sciences, Literature and a special honor in English.	

EXPERIENCES

2018 - 2019	<u>Engie (Tractebel)</u> – Lead Data Scientist – Data management team R&D working toward a digital twin of Nuclear plant:
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- Process and instrumentation diagram (P&ID) information retrieval and exploitation. Data mining for fast processing for vector images (dwg/ dxf) mining to use them as structure data.
- Deep learning Research and development for label detection of equipment on image and point cloud tagging : industrial indoor scene text detection, recognition and match labelled objects to their counterpart in inventory database.
- Machine learning Research for automatic point cloud data processing especially for space segmentation and structural part recognitions of industrial indoors.
- Technological watch and formation on subjects relatives to : scan to BIM, Retro BIM, PLM, point-cloud segmentation and recognition, PCL , AR/VR...

R&D industry 4.0 :

- Formation to OSIsoft PI suite : PI server, PI Vision, PI AF
- Root cause analysis on 'Time series from instruments' log, captors and sensors

General Data Management :

- Build up my skills in data management subject: data governance, data quality & cybersecurity.
- Rise of data & digital awareness across the company, participation and organization of meet up, workshops on the subject of data governance, data risk management, AI & machine learning democratization...
- Core member of the Community of Practice for simulation, optimization and data science.

May - Dec17

Positive thinking company - **Data Scientist** – R&D Data analytics team

R&D Plateform C3PO



- Requirement analysis and high level architecture of the platform.
- Conception and development (Neo4J) of a graph database feed by internal tools
- Data Investigation : traditional machine learning model (ACM, PCA, Clustering, scoring...) and graph enhanced data science (shortest path, isomorphism, information propagation, link/label prediction, bipartite matching).
- Design and conception of dashboard and exploration graph with Javascript/ D3js and R shiny.

Mar – Aug16

CA Group / LCL - **Junior statistician (internship)** - Control & Risk office



- Design/ development (SAS) of a data quality tool (coherence/exhaustivity/ qualification) for BCBS 239. Use of Textmining (PERL) techniques
- Statistic modeling for decision support in the operational strategic risk field
- Conception and Construction (SAS) of regulatory reporting tool (COREP, STE)
- Semi industrialization of internal reporting (dashboard, committee risk etc.)

July15 – Jan16

EY (Ernest & Young) - **Junior statistician (internship)** - *QuEst (Quantitative Economics and Statistics)*



- Data collection and analysis
- Statistical and econometric modelling, micro and macroeconomics approaches,
- Programming (R, Python)

2013- 2014

TSE Junior-Etudes **Member and Treasurer.**



There I build budgets, manage bank accounts, I advise on financial implications of strategic and operational plans. I ensure that proper records are kept and compliance with relevant legislation. I directly Manage 5 persons; complete managing team is up to 30 persons.

INTEREST

Art & Sport

I daily practice Yoga, Volley ball everytime I can, and I enjoy dancing and swimming. I'm learning piano and I enjoy sewing and making my own clothes.

Volunteering

Active member of the Société Française de Statistique
Active member of the Société Femme et Mathématique

**Additional
Diplomas**

B.N.S.S.A. = Lifeguard certificate
P.S.E.1 = First aid diploma
B.A.F.A. = Camp Counselor Certificate.

Other

I love travelling discovering place and culture all around the globe. I've always been fascinated by people interaction especially regarding groups behavior.

References on request