

MARTENOT VINCENT

MANAGER DATA SCIENTIST

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OBJECTIVE

Dynamic and passionate data scientist with a strong appetite for complex technical problems and cutting-edge technologies. I bring 9 years of experience leading high-stakes projects across multiple domains (healthcare, energy, banking, marketing), with a tenure in MLOps. I have led and executed innovative projects in healthcare, marketing, and other sectors, overseeing multidisciplinary teams of 5 to 8 members, for end clients and R&D approach. Seeking new significant challenges, combining team management and technical projects.

SKILLS

Sectors: Healthcare, Energy, Marketing
Code: Python/SQL/Spark
IA: NLP / GenAI / Deep learning
IA: Time Series / Tabular
Data viz: Tableau / PowerBI
Cloud: AWS/OVH
Project management / Agile
Stakeholders management / Budget

LANGUAGES

French | Native
English | Advanced
Chinese | Advanced
German | Elementary

EXPERIENCE

Manager data scientist (4.5 years)
Quinten — Paris, France

Jan 2020 — Present

Lead the development and implementation of artificial intelligence software solutions in the healthcare sector, benefiting a wide range of clients. As the right hand of the R&D Director, my responsibilities include:

- The concrete implementation of AI-based operational solutions deployed at customer sites: automated literature review and monitoring, news analysis, predictive diagnosis, patient report structuration and classification (posology, oncology, diagnostics...), automated medical coding, drug discovery, patient journey clustering
- R&D strategy design
- Management and development of teams (2-6 people) including recruitment
- Training and internal technical acculturation
- Establish procedures to reinforce operational excellence as well as compliance with regulatory standards.
- Contributing to the preparation of commercial proposals

Senior data scientist (2.5 years)
Ekimetrics — Paris, France

Sep 2017 — Jan 2020

Consulting in data science for strategy and marketing in the following industries: Automotive, Insurance, Retail, financial services

- CRM and customer loyalty programs, Event- and behavior-based targeting, Market and consumer segmentations. Churn Scoring.
- Driving habits prediction based on connected cars data, predictive maintenance.

Project manager (1.5 years)
Vinci-Energies — Nanterre, France

Jan 2016 — Sep 2017

Energy saving market in public lighting (7 towns in the south of Paris)

- Personnel operational management (3 to 5 technicians | engineers)
- Managed budget (2,5M euros yearly) and margin of the project.
- Developped data science activities: Predictive maintenance, outliers detection
- Response to public tenders on smart city and public lighting projects

R&D partnership
EDF - CNMM — Beijing, China

Jul 2014 — Jul 2015

In parallel with my master's thesis in fluid physics, I worked on applied projects for a French energy company, EDF, as part of an R&D partnership with my laboratory, CNMM. The research focused on the fluid mechanics of superhydrophobic surfaces applied to condensers in nuclear power plants.

EDUCATION

Classes préparatoires
Lycée François Arago — Perpignan, France

Sep 2008 — Jun 2010

Master's Degree in Engineering (major: physics)
Ecole Polytechnique — Paris, France

Jul 2010 — Jun 2013

Master of Science in fluid mechanics
Tsinghua University — Beijing, China

Jul 2013 — Jun 2015

PUBLICATIONS

LiSA: an assisted literature search pipeline for detecting serious adverse drug events with deep learning. BMC Med Inform Decis Mak 22, 338 (2022).
<https://doi.org/10.1186/s12911-022-02085-0>

AlibiBERT: A Pre-trained Language Model for French Biomedical Text. BioNLP Workshop ACL. <https://hal.science/hal-03911564/>