

FÉLICIEN CANTALLOUBE

Data Science Engineer

🇫🇷 French and German [in linkedin.com/in/FelicienCantalloube](https://www.linkedin.com/in/FelicienCantalloube)

🎓 EDUCATION

Msc. in Engineering 📅 2015-2019
ISAE-Supaéro 📍 Toulouse

Data Science Major: Statistical Modeling,
Machine Learning, Optimization

Preparatory Classes 📅 2013-2015
Lycée Sainte Geneviève 📍 Versailles

Intensive undergraduate-level preparation in
advanced Mathematics and Science for
competitive entrance examinations to French
Graduate Engineering Schools

💻 PROGRAMMING

Python SQL Terraform Git React
Laravel Firebase Looker

☁️ CERTIFICATIONS

Google Cloud

- Professional Data Engineer
- Professional Machine Learning Engineer

AWS

- Certified Solutions Architect – Associate

💬 LANGUAGES

French Mother tongue
German Mother tongue
English Fluent (C1-C2)

⚽ SPORTS

Running every day, marathon runner

Swimming Champion of France in the Minime
category, 12 years in club including 4 years as
high level athlete

Sailing President of the Sailing association of
my engineering school in 2015-2016. Second
team at the French University Championship in
2016

OTHERS

🚗 🚲 🏠 ✈️ Private Pilot License

💼 EXPERIENCES

Senior Data Science Consultant 📅 2020 - Today
Wavestone 📍 Paris, FRANCE

- **APM alert classification** for a large french bank
Reducing the number of false alarms soliciting on-call teams by developing a
filtering tool for alerts generated by the customer's monitoring systems.
Industrialized data validation, model re-training and deployment flows.
Python Dynatrace ELK-Stack
- **Turn-over prediction** for Wavestone
Identify signals and actionable levers by analyzing HR data to prevent
turnover in the consultant population. Build a model to identify high-risk
individuals and provide insights on the decisions using ML-explainability.
Python Dash
- **Construction of a data platform** in the cosmetic industry
Support for the construction of a data platform on Google Cloud and
implementation of data analytics and BI use-cases backed by the platform:
Creation of a complete infrastructure to automate data ingestion and of
various business projects based on this infrastructure
BigQuery Looker Terraform
- **Startup incubator** in Station F
Support for new IT projects with a social vocation from framing to
production. Participation in the design of application architecture and
technological choices. Project management in agile Scrum mode, preparation
and animation of agile ceremonies. Coordination of the various stakeholders.
AWS Laravel

Master Thesis - Autonomous Flight 📅 April 2019 - October 2019
Volocopter 📍 Bruchsal, GERMANY

Maneuver library generation for the motion planning of an E-VTOL. Environment
simulation, offline motion planning using graph based approaches, online motion
planning with maneuver libraries

Python Reinforcement Learning Matlab

Business Development Internship 📅 February 2018 - July 2018
Zodiac Aerospace 📍 Chiang Mai, THAILAND

Work within the planning, supply and procurement teams to implement a new
planning process and develop associated tools, KPIs and automated reports

Data Visualisation Cyberquery

Reliability Engineering Internship 📅 July 2017 - January 2018
Barfield Aéro 📍 Miami, FLORIDA

Development of reliability analysis tools, KPI development, Reporting to
airlines, Technical supervision of subcontracted repairs

SQL