

Quentin Chenevier - Lead Data Scientist

Experienced in applied data science and graduated with an MBA, I like to embrace multiple roles.
I'm a maker who values impact, agility & intelligence.

I'm looking for a technical role to continue to grow my [data science skills](#),
after improving my [business skills](#) during the last 2 years.

Experience

- Now
|
2021
Now
|
2020
- Lecturer @ ENAC** Toulouse, France
- ML course for engineers: **45h course, 50+ students** [ML teaching](#)
- AI Product Manager & Lead Data Scientist @ Airbus** Toulouse, France
- Model integration platform for aircraft program business analysis: analysis time **reduced from months to minutes** [backlog definition](#) [modeling](#) [UI design](#)
 - Aircraft virtual assembly to prevent production issues: **5M€ savings / year** [backlog definition](#) [UI design](#) [technical debt management](#) [architecture design](#)
 - Grow the team & find opportunities: **3 recruitments** [recruiting](#) [business development](#)
 - Customer financial risk anticipation [exploratory data analysis](#) [data preparation](#) [modeling](#)
 - Supplier financial risk monitoring: **1500+ suppliers** [data preparation](#) [dashboarding](#)
- Now
|
2020
- Lecturer @ Toulouse Business School** Toulouse, France
- AI & decision-making course for executives: **3 classes, 80+ students** [ML teaching](#)
- 2020 • 2 years
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2018
- Manager Data Scientist @ Capgemini Invent** Paris & Toulouse, France
- Grow the team & find opportunities: **10 recruitments** [recruiting](#) [business development](#)
 - Information extraction from Airbus' customers feedbacks with NLP & deep learning: **80% automation & 1M€ savings / year** [data preparation](#) [modeling](#) [junior coaching](#)
 - ML course for Airbus quality specialists: **20 students** [ML teaching](#)
- 2018 • 1 year
|
2017
- Senior Data Scientist @ Capgemini Invent** Paris & Toulouse, France
- Supplier non-quality prediction with model stacking: **1M€ savings / year** [data preparation](#) [modeling](#) [junior coaching](#)
 - Bank products recommender system with autoencoder [data preparation](#) [modeling](#) [dashboarding](#)
- 2017 • 1 year
|
2016
- Data Scientist @ Airbus** Toulouse, France
- Automation of forecast of airlines market demand: analysis time **reduced from months to minutes** [data preparation](#) [modeling](#)
 - Data referential management by cleaning & fusing data from **10+ sources** [data preparation](#)
- 2016 • 4 years
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2012
- R&D System Designer @ Airbus** Toulouse, France
- Empowerment workshop of a **60-people team** [change management](#) [agile coaching](#)
 - Disruptive & multimodal aircraft cockpit [backlog definition](#) [UI design](#)
 - Architecture design of safety-critical systems (future cockpits) [architecture design](#)
- 2012 • 2 years
|
2010
- Scientific Engineer @ Noveltis** Toulouse, France
- Calibration of a space spectrometer: **250+ GB analyzed** [data preparation](#) [modelling](#)

Education

- 2016 - 2017 Udacity - Data Analyst Nanodegree
- 2015 - 2017 **Master of Business Administration @ Toulouse Business School** Toulouse, France
- 2015 Machine Learning @ Coursera & Stanford
- 2015 Creation & Developement of Technological Startups @ Coursera, Ecole Polytechnique & HEC
- 2009 - 2010 **M2: Remote Sensing (ML, signal processing & physics) @ Ecole Polytechnique** Palaiseau, France
- 2006 - 2009 **M1: Engineering @ Ecole Polytechnique** Palaiseau, France
- 2004 - 2006 Preparatory classes: MP* @ Lycée Fermat Toulouse, France









Skills

- Data scientist [exploratory data analysis](#) [data preparation](#) [modeling](#) [dashboarding](#) [explainability](#)
- Senior Data scientist [junior coaching](#) [ML teaching](#)
- Tech lead [technical debt management](#) [coding best practices](#) [architecture design](#)
- Business consultant [business development](#) [need analysis](#) [change management](#)
- Product manager [backlog definition](#) [agile coaching](#) [UI design](#)
- Manager [performance management](#) [recruiting](#)

Technologies

- Machine Learning [sklearn](#) [pytorch](#) [SHAP](#) [lime](#) [gensim](#) [gemseo](#) [pytorch-lightning](#) [keras](#)
- MLOps & DevOps [kedro](#) [neptune](#) [dvc](#) [AWS Batch](#) [AWS EC2](#) [ansible](#) [bash](#) [git](#) [flake8](#)
- Data Engineering [python](#) [pandas](#) [pyspark](#) [polars](#) [dask](#) [numpy](#) [sql](#) [fortran77](#)
- Dashboarding & Front-end [panel](#) [dash](#) [plotly](#) [seaborn](#) [altair](#) [IS](#) [Vue.js](#) [Nuxt.js](#)

Open Source Contributions

-  [Scribbleton Live](#): an in-browser audio workstation, deployed here [scribbleton.live](#) [Vue.js](#) [Nuxt.js](#)
-  [HuMa](#): a blog about Humans & Machines, deployed here [qchenevier.github.io/huma](#) [Vue.js](#), [Nuxt.js](#)
-  [Resume](#): this resume, generated from markdown to [web page](#) and [pdf](#)
-  [Pandas Pipeline Graphviz](#): generate an explanative schema of a data pipeline [python](#) [pandas](#) [graphviz](#)
-  [Cours IA](#): a course on Artificial Intelligence for the [MBA](#) of [TBS](#) (in french ) available as a [html presentation](#)
-  [Ansible Sagemaker](#): infrastructure as code to mimic AWS Sagemaker Notebook [ansible](#) [AWS EC2](#)
-  [Eumetsat OSX Wallpaper](#): real time view of our planet in your macbook's wallpaper [python](#)

Hobbies

- Travelling around 20 countries visited: Canada, Vietnam, Kazakhstan...
- Learning **Enlightenment Now** - Steven Pinker | **Drive** - Daniel Pink | **Thinking Fast & Slow** - Daniel Kahnemann | **Nudge** - Thaler & Sunstein | **Value Proposition Design** - Strategyzer | **Business Model Generation** - Strategyzer | **Le Triple Moi** - Gysa Jaoui | **Clean Code** - Robert Cecil Martin | **The Value of Everything** - Mariana Mazzucato | **Sapiens** - Yuval Noah Harari | **Don't Make Me Think** - Steve Krug