

# Catherine FENU



## DATA ANALYST



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48 y



French



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[in/catherine-jacquot-fenu/](https://in/catherine-jacquot-fenu/)



## Technical skills

### • Programing languages

Python, R (notions), HTML (notions)

### • Data collection

Webscrapping, API, Flask

### • Data analysis

Methodology, descriptive, exploratory and inferential statistics

### • Data treatment and manipulations

SQL, NoSQL / Mongo DB, Pandas, Numpy, Excel / Google Sheets

### • Data visualisations

Matplotlib, Seaborn, Plotly

### • BI tools

Tableau Software, Power BI, Google Data Studio, Dataiku

### • Machine learning & Natural Language Processing (NLP)

SciKit learn, NLTK, Spacy

### • Web development web

Framework Dash, Anvil, Streamlit, Git/Github

### • Project management

Trello, Jira, Agile SCRUM method, ToDoist

### • Data protection - RGPD



## Transversal skills

### • Organisation

Planification, coordination & task prioritisation, deadline respect, autonomy, adaptability

### • Team work

### • Responsible, rigorous



## Language skills

French

Mother tongue

English

Proficient (C1)

Italian

Basics (A2)

Rigorous, a sense of responsibility, highly adaptable and proficient in English, my Data Analysis skills and in biological research will be a serious asset to your project. I am looking for an internship to start in march 2022.



2021

## Main professional experiences

### Data Analyst

[Wild Code School – REMOTE France](#)

- Client project. [eXalt](#) . Profiling Exalt consultants and developing a custom training recommendation system to help them increase their skills
- 24h Hackaton – music industry - creation of a recommendation system for karaoke songs: data extraction from Spotify, karaoke analysis, lyrics extraction and display (API [Genius](#)), song transformation to play the karaoke versions with the [Spleeter](#) library from Deezer.
- Python data analysis project – IMDb database, data collection, exploration and analysis, visualisations, machine learning algorithm, creation of a recommendation system for european movies and integration into a web app
- SQL Project : Sales, finances, logistics & HR dashboards for a toy car company

2010  
à 2017

### Home renovation project management (self-employed activity)

[Annemasse \(2010-2015\) & Morillon \(2016-2017\) – France](#)

- Full renovation of a house and of a flat

2008  
à 2009

### Scientific Officer

[RSPCA- HQ – Science Group \(Research Animal Science team\) - UK](#)

- Veille, analyse, synthèse et conseil sur l'utilisation des animaux en recherche psychopharmacologique
- Autonomous work

2003  
à 2007

### Post-doctoral research assistant

[St George's, University of London – LONDON - UK](#)

- Animal behaviour research in a team working on neuronal adaptive changes to drugs
- Multi-disciplinary team work

2000

### QA software tester

[COIN Financial Systems Ltd - St Albans – HERTS - UK](#)

- Implementation of a test plan for a financial software companies for car dealerships and fault reporting



2021

## Education

### Data Analyst

[Wild Code School – REMOTE - FR](#)

5 months bootcamp based on practice and client projects realisation with Agile SCRUM methodology.

Subjects : Data collection, exploration & analysis, Visualisation, dashboards, Machine Learning & predictions

2002

### Doctorate in Behavioural Biology

[Université Paris XIII, France](#)

Subjects: Animal Behaviour, Olfaction, Social interactions, wild mouse.

MOOC en  
cours

### Data Management for Clinical Research, [COURSERA](#)

[Vanderbilt University \(Tennessee, USA\)](#), 4 semaines validées sur 6

Critical concepts and practical methods to support planning, collection, storage, and dissemination of data in clinical research.



2012  
à 2015

## Volunteer involvment

### Member of the executive committte of an association

President (2014-2015), Vice-president (2013-2014), Secrétaire (2012-2013)

[APEEA \(Association de parents d'élèves\)- Ambilly – France](#)



## Interests

- Hiking, trail running, downhill and cross-country skiing
- Gardening, DIY
- 2D & 3D modelling architectural plans