Catherine FENU



DATA ANALYST



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French



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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
- Bl 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 RGBD



Transversal skills

Organisation

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

- Team work
- Responsible, rigourous



Language skills

French **English** Italian

Mother tongue Proficient (C1)

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.



Main professional experiences

2021

Data Analyst

Wild Code School – REMOTE France

- Client project. <u>eXalt</u> . Profiling Exalt consultants and developing a custom training recommandation system to help them increase their skills
- 24h Hackaton music industry creation of a recommandation 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 adaptative 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



Education

2021

Data Analyst

<u>Wild Code School</u> – 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

and dissemination of data in clinical research.

Université Paris XIII, France

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

MOOC en cours

Data Management for Clinical Research, COURSERA

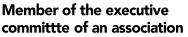
Vanderbilt University (Tennessee, USA), 4 semaines validées sur 6 Critical concepts and practical methods to support planning, collection, storage,



2012

à 2015

Volunteer involvment



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-coutnry skiing
- Gardening, DIY
- 2D & 3D modelling architectural plans