CAMILLE COCHENER — Data Scientist

Data Scientist with a Post Master's Degree in Data Science and Big Data from Télécom Paris, with more than 3 years experience in consulting in Statistics and Data Science, as well as in Computer Vision.
Three words to define myself: passionate, efficient and eager to share.
I am looking for a Experienced Data Scientist position for March 2021.

CONTACT

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Availability : March 2021

SKILLS

- Machine Learning & Deep Learning
- Statistics
- Data Analysis
- Data Visualization
- Data Engineering
- GCP, AWS
- R, Python, SQL Programming
- Numpy, Pandas, Scikit-learn
- Keras, TensorFlow API, PyTorch
- Git, Linux, MacOS, Docker, MLFlow

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- Curious
- Team player
- Problem solving
- Rigor
- Communication

LANGUAGES

- French (Native)
- English (Fluent)

PERSONAL DEVELOPMENT

Coursera Certificates :

- Deep Learning (CNN, Sequence Models, GAN) by deeplearning.ai
- AI for Medicine by deeplearning.ai
- Data Science Specialization by John Hopkins University

Meet-up :

- **Speaker** (Paris Data Ladies, 2020 december edition on Computer Vision, 100 Data experts attended)

HOBBIES

Sports :
- Horse riding
- Yoga
- Fitness
- Tennis

Autres :
- Travel
- Baking
- Piano
- Watercolour

PROFESSIONAL EXPERIENCE

07/2020 - 01/2021
6 months

DATA SCIENTIST - COMPUTER VISION
Lixo - Startup created at the end of 2019 - 5 employees   Agoranov, Paris, France
In charge of the AI module of the Lixo solution.
- Improved object detection models to reach best performances
- Developed a method for background subtraction from images
- Optimised neural networks on a micro-computer
- Wrote scientific documents to obtain funding (FTE grant, i-Lab)

Results : **Performance of the model +120%, deployed in production, +90K€ grant earned**

01/2017 - 07/2019
2 years, 7 months

DATA SCIENTIST CONSULTANT
Consulting company : IT&M STATS (IT&M group)   Neuilly-sur-Seine, France

▶ ***ESSILOR INTERNATIONAL, R&D**, Créteil, France (10 months)*
Led the 1st Data Science project related to the analysis of historical data in order to optimize the TimeToMarket of anti-reflective products.
- Carried out an in-depth exploratory analysis in order to identify insights
- Identified machine signatures according to their operating parameters
- Predicted the colorimetric measurements of lenses according to machine parameters
- Developed a statistical methodology to identify malfunctioning
- Trained internal teams in analysis methods and programming

Results : **Delivered an analytical report, highlighting areas of improvement regarding the data strategy of the company**

▶ ***L'ORÉAL R&I**, Chevilly-Larue, France (1 year, 6 months)*
Supported the Scientific Computing team for day-to-day Data Science projects.
- Created predictive models between consumer, sensory and instrumental measures
- Analysed the reproducibility and repeatability of instrumental measurements
- Segmented product spaces and analysed product efficiency
- Developed applications for routine laboratory analysis (RShiny, GWidgets)

Results : **Deployment of 2 applications, +15 analysis and models delivered to laboratories.**

▶ ***DIVISION INTERNE IT&M STATS**, Neuilly-sur-Seine, France (2 years, 7 months)*
In charge of fixed-price projects and R training.
- Mutuelle Chorum : Segmented a customer portfolio and predicted an appetence score
- Clarins Laboratories : Classifyied pores according to their size based on instrumental measurements
- Société Générale : Trained a team of Data Analysts on the dplyr and tidyr packages (R)

03/2016 - 09/2016
6 months

DATA SCIENTIST INTERN
Clarins Laboratories   Pontoise, France
Modeling the relationships between consumer perceptions and instrumental measurements of skin mechanical properties.

EDUCATION

2019 - 2020
▶ **Télécom Paris** - **Post Master's Degree in Data Science & Big Data**
Topics: Statistics, Machine Learning (supervised, unsupervised, Deep Learning...), Data Engineering (NoSQL, distributed systems, cloud storage and computing...), Data Visualization

2013 - 2016
▶ **Agrocampus Ouest** - **Engineer in Life Sciences, Data Science Specialization**
Topics: Data Analysis applied to biological, marketing and agronomic data, Machine Learning, Programming, Data Visualization

2010 - 2013
▶ **Lycée Chaptal (Paris)** - **Preparatory school to enter the French Grandes Ecoles**

DATA SCIENCE / DATA ENGINEERING PROJECTS

2019 - 2020
Carrefour-X AI & Retail Challenge - Rang 1/26 : designed a local Marketing Mix Modeling – analysis and prediction of the impact of marketing media on sales (ROI) - 2 months
Tech : GCP, Big Query, Python, CatBoost, Dash, Shap, MMM

Bike Sharing Predictions : predicted the number of bikes shared at a London bike station
Tech : Python, Spark, Open data, Random Forests, Validation croisée

GDELT : built a fast and resilient ETL to analyze GDELT data (2.5 TB)
Tech : Cassandra, Spark, AWS, Zeppelin, ETL

Kaggle Toxic Comment Classification : built a multi-label model to predict the toxicity of a comment using textual data from Wikipedia
Tech : Deep Learning, NLP, Keras, Dash

AWARDS

2016
Laureate Syntec Trophy : competition that rewards the best quantitative studies
Travel Award obtained for speaking at the SPISE congress in Vietnam