FRANÇOIS CASTAGNOS

AI Lead at Glanceable

@ francois.castagnos@gmail.com   🌐 castafra.github.io   in castafra

EXPERIENCE

AI Lead - Glanceable

📅 Feb 2021 – Ongoing   📍 Paris, France

Leading a team who is developing NLP algorithms (sentiment analysis, abstractive summarization, sentence embedding…) to turn customer feedback into structured actionable data. Organizing regular meetings as a **Customer Relations Manager** with our customers to ensure we meet their needs.

- Conceived a system that generates key insights from customer reviews using custom NLP models
- Developed a Machine Learning Pipeline (MLOps) to periodically re-train models on new data
- Published a paper to the COLING 2022 conference

Pytorch   Transformers   Serverless   MLOps   NLP   LLMs

Data Scientist - ClaraVista

📅 Feb 2020 – July 2020   📍 Singapore

- Developed **machine learning** models for business recommendations
- Created **client segmentation** and personalized algorithms to predict the value of a future client and the performances of marketing actions

Data Scientist - Open Pricer

📅 Aug 2019 – Jan 2020   📍 Paris, France

- Developed several **pricing models** to be provided to companies, using **statistical tools** and **Machine Learning** methods
- Conceived a **dashboard application** with R-shiny to explain these models and help clients understand the analyzes

EDUCATION

M.S. in Computer Science - CentraleSupélec | Université Paris-Saclay

📅 Sept 2017 – Aug 2021   📍 Paris, France

Key subjects studied: *Math*, *Data Science*, *Signal Processing* and *Computer Science*.

- Worked on a 300-hour end of studies project : Developed a Deep Learning solution for video compression. (**NLP**, **Object Detection**, **Transfer Learning**)
- Worked on a 50-hour Data Science 3-person school team project on **predicting sleep stages** – in collaboration with DREEM
- Worked on a 150-hour Robotic 3-person school team project to automate a 5-axis robot to understand the control of the arm in a cyclic movement

Classes Préparatoires aux Grandes Ecoles - Lycée Thiers

📅 Sept 2014 – July 2017   📍 Marseille, France

Intensive preparation in Math and Physics for the entrance exams to the French Grandes Ecoles

PUBLICATIONS

👥 Conference Proceedings

- F. Castagnos, M. Mihelich, and C. Dognin, "A simple log-based loss function for ordinal text classification," in *Proceedings of the 29th International Conference on Computational Linguistics*, Gyeongju, Republic of Korea: International Committee on Computational Linguistics, Oct. 2022.

TECHNICAL SKILLS

Coding
Python (Pytorch, Numpy, Pandas, Onnx, Transformers), R (Shiny)

Cloud Computing
AWS (Lambda, S3), GCP (Vertex AI), Azure, Kubernetes)

Software
Microsoft Office, Adobe Creative Cloud (Premiere Pro, Photoshop, Illustrator)

Others
Linux, Arduino, Raspberry Pi, Docker

LANGUAGES

French   Native
English   Fluent
Passed CAE exam, TOEFL ITP (650/677)
Spanish   Intermediate

HOBBIES

Running (Competition)   Rugby   Travelling (Backp
Photography