

Mathis Linger

DATA SCIENTIST

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lingermathis



Summary

An hardworking and resourceful data scientist with extensive understanding of mathematical and machine learning methods seeking a data science position starting on March 2020. I am strongly interested in natural language processing and vision subjects, and more generally in web development. Experience of undertaking analytical work and research projects with tight deadlines.

Education

MS in Data Science

ENSAE PARIS (ÉCOLE NATIONALE DE LA STATISTIQUE ET DE L'ADMINISTRATION ÉCONOMIQUE)

Palaiseau, France

2018

M.Sc in Statistics and Econometrics

TOULOUSE SCHOOL OF ECONOMICS

Toulouse, France

2017

B.Sc in Mathematics and Economics

UNIVERSITY FRANÇOIS-RABELAIS / UNIVERSITY OF MONTRÉAL

Tours, France - Montréal, Canada

Work Experience

Expert machine learning

BNP PARIBAS CIB, DATA & AI LAB

Paris, France

May. 2018

- Implemented an optical character recognition system. Supervised interns on this subject.
- Developed a face recognition system from video cameras.
- Developed an online clustering algorithm for news articles, as well as the backend and frontend of the web application.
- Organized the second edition of the BNPP AI Summer School, a 2 days event gathering 22 academic speakers and 300 data experts
- Worked on NLP/Vision subjects and development of back and front end of web applications

Data Scientist, Research and Development team

TINYCLUES

Paris, France

Apr. - Sep. 2017

- Clustering of retailer's products, using users' behaviors
- Tuned model's features to improve performances and investigated predictive anomalies
- Research and benchmarking of new ML libraries
- Made use of various machine learning techniques applied to marketing issues, presentations each month

Research Assistant in Economics

CHAIRE TRANSITIONS DÉMOGRAPHIQUES TRANSITIONS ÉCONOMIQUES, LOUIS BACHELIER INSTITUTE

Paris, France

Apr. - Sep. 2016

- 1. "Appetence For Mutual Insurance Companies Services: What Really Matters?" with Bénédicte Apouey (Paris School of Economics) Research paper investigating the relation between individual preferences and the appetite for mutual insurance companies services
- 2. "Moral fiscal en Costa Rica: un análisis socio-demográfico de cultura tributaria" with Montserrat Botey (Laboratoire d'économie d'Orléans) Research paper investigating the determinants of tax morale in South American countries
- Undertook research projects and statistical analysis, presentations each week

Coding Competitions

Google Hashcode 2019

top 5% - 342/6671 worldwide - 30/659 in France

CFM Data Challenge

5/84- Volatility prediction in financial markets

Hackathon caisse des dépôts

3/30 - Creation of web application to monitor financial reports

Hackathon ARAFER/CRE

3/23 - Creation of mobile application for energy consumption

Languages and Technical Skills

Languages

French (native), English (fluent)

Programming Languages

Python, Javascript (NodeJS, ReactJS), C++

Other technos

Git, Docker, Linux, Elasticsearch, Mongo DB

Hobbies and Interests

Sport

Handball (N3), workout, running

Travels

Road trip in United-States