

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 position starting on September 2020. I am strongly interested in natural language processing, financial applications of machine learning and more generally in web development.

Education

MS in Data Science

ENSAE PARIS (HIGH HONOURS)

Palaiseau, France

2018

MSc in Statistics and Econometrics

TOULOUSE SCHOOL OF ECONOMICS (HIGHEST HONOURS)

Toulouse, France

2017

BSc in Mathematics and Economics

UNIVERSITY OF MONTRÉAL (HIGHEST HONOURS)

Montréal, Canada

2015

Work Experience

Machine learning engineer

BNP PARIBAS CIB, DATA & AI LAB

Paris, France

May. 2018 - Now

- Developed a newsfeed application, finding financial weak signals in multilingual news media. Published research article.
- Supervised interns on the development of an optical character recognition system
- Developed neural network based model to improve quantitative investment strategy sharp ratio
- Organized the BNPP AI Summer School, a 2 days event gathering 22 academic speakers and 300 data experts
- Worked on NLP/computer vision subjects and developed back and front end of web applications

Data Scientist, R&D team

TINYCLUES

Paris, France

Apr. - Sep. 2017

- Scalable 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

Aside Projects

Google Hashcode 2019

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

CFM Data Challenge

5/87- Volatility prediction in financial markets

Teaching assistant at ENSAE

Give classes about BNP Paribas NLP applications

Text2Story@ECIR

"Batch Clustering for Multilingual News Streaming" with Mhamed Hajaiej, 2020

Languages and Technical Skills

Languages

French (native), English (fluent)

Programming Languages

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

Other technos

Git, Docker, Jenkins, Linux, Elasticsearch, Mongo DB

Hobbies and Interests

Sport Handball (N3), workout, running

Travels Road trip in the United-States