

Mathis Linger

DATA SCIENTIST

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Summary

An hardworking and resourceful graduate with extensive understanding of mathematical and machine learning methods seeking a data science position starting on November 2019. I am strongly interested in natural language processing, more precisely about automatic story generation. Experience of undertaking analytical work and research projects with tight deadlines.

Education

MS in Data Science

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

Palaiseau, France

Present

M.Sc in Statistics and Econometrics (awarded with high honours)

TOULOUSE SCHOOL OF ECONOMICS

Toulouse, France

2017

B.Sc in Mathematics and Economics

UNIVERSITY OF MONTRÉAL: EXCHANGE PROGRAM

Montréal, Canada

B.Sc in Mathematics and Economics (awarded with high honours)

UNIVERSITY FRANÇOIS-RABELAIS

Tours, France

2015

Work Experience

Expert machine learning

BNP PARIBAS CIB, DATA & AI LAB

Paris, France

May. 2018

- Implemented an algorithm to generate stories from streaming financial news
- Created web application to use the algorithm in production
- Organizing and selecting speakers for the BNPP AI Summer School, a 2 days event gathering 22 academic speakers and 300 professionals
- Research about NLP subjects and development of a web application

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 with the accuracy requested by the research world, 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

Technical Skills

Programming Languages Python, Javascript, C++, Bash

Languages

French Native

English Fluent

Hobbies and Interests

Sport Handball (N3), workout, running

Travels Road trip in United-States