

# Mathis Linger

## DATA SCIENTIST

41 bis Quai de la Loire, BAL 53, 75019, Paris, France

+33 7 83 90 64 37 | [linger.mathis@gmail.com](mailto:linger.mathis@gmail.com) | [mathislinger.github.io/resume](https://mathislinger.github.io/resume) | [mathislinger](https://www.linkedin.com/company/mathislinger) | [lingermathis](https://www.instagram.com/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.
- Developed a recommender system in order to assist sales choosing clients
- Supervised interns on the development of an optical character recognition system
- Organized the BNPP AI Summer School, a 2 days event gathering 22 academic speakers and 300 data experts
- Worked on NLP/recommender system 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, Linux, Elasticsearch, Mongo DB

## Hobbies and Interests

### Sport

Handball (N3), workout, running

### Travels

Road trip in the United-States