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 | mathislinger.github.io/resume | mathislinger | lingermathis

Sum**mary**

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.

Edu**cation**

MS in Data Science	*Palaiseau, France*
ENSAE PARIS (HIGH HONOURS)	*2018*
MSc in Statistics and Econometrics	*Toulouse, France*
TOULOUSE SCHOOL OF ECONOMICS (HIGHEST HONOURS)	*2017*
BSc in Mathematics and Economics	*Montréal, Canada*
UNIVERSITY OF MONTRÉAL (HIGHEST HONOURS)	*2015*

Wor**k Experience**

Machine learning engineer — *Paris, France*
BNP PARIBAS CIB, DATA & AI LAB — *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 — *Paris, France*
TINYCLUES — *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 — *Paris, France*
CHAIRE TRANSITIONS DÉMOGRAPHIQUES TRANSITIONS ECONOMIQUES, LOUIS BACHELIER INSTITUTE — *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 appetence for mutual insurance companies services
- 2. "Moral fiscal en Costa Rica: un anàlisis socio-demogràfico 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

Asi**de 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

Lan**guages and Technical Skills**

Languages	French (native), English (fluent)
Programming Languages	Python, Javascript (NodeJS, ReactJS), C++
Other technos	Git, Docker, Jenkins, Linux, Elasticsearch, Mongo DB

Hob**bies and Interests**

Sport	Handball (N3), workout, running
Travels	Road trip in the United-States