ANTOINE HABIS

Student pursuing a master's degree in data science and currently enrolled in a R&D internship,

*(expected graduation date: **March 2021**)*

Education

Polytechnique   *Master's degree*
Currently

- Master in data science studying mathematical models for Machine Learning, Deep Learning and optimization algorithms.

Telecom-paris   *Engineer's degree*
Sept. 2017 - Juil. 2019

- Random modeling and stochastic calculations,
- Data science: Machine Learning, Deep Learning, Optimization

Stanislas Paris
Sept. 2016 - Juil. 2017   *Intensive program*

- Two-year of intensive program in mathematics and physics preparing for the national competitive exam for entry to top engineering schools.

Saint-Jean de Passy
Sept. 2013 - Juil. 2015   *Highscool degree*

- French High School Diploma in Sciences obtained with highest honours.

Experience

R&D Internship at Showroomprive
May. 2020 – October 2020
Currently developing an image-based recommendation system for clothes with state-of-the-art algorithms for the purpose of understanding clothing style. Also developed a fast image-based algorithm to detect duplicates on the whole company's clothe database.
Software involved: Dataiku DSS, AWS (REDSHIFT, EC2, S3)
Programming language: Tensorflow, SQL, Python, keras

End-of-first-year project
April 2018

- Analysed URLs generated by the users of Georges Pompidou's computers to observe the effectiveness of the french Family Allocations Office's website (CAF) by comparing the shortest path to any page and the average path length taken by the users.
Programming language: Python

First year project
Sept. 2017 – March 2018

- Wrote an estimation algorithm of the crowd on the queue leading to the university restaurant thanks to the intensity of the noise emitted. I built a large dataset with the affluence and the most represented short time intensity corresponding and performed a linear regression on it. The test accuracy was over 70%.
Hardware involved: 6 microphones and a sound card,
programming language: Python

Teaching mathematics
Still

- Give math private lessons to High School and college students

Languages

- *French: Native speaker*
- *English: Fluent (TOEFL score: 100/120)*
- *Spanish: Advanced*

Personal interests

- Practiced tennis for 10 years (level 15.2)
- Passionate about cinema

Desired occupation

Looking for a Cifre as a researcher in artificial intelligence applied to medicine

PROFIL

As a student or R&D trainee, I have had the chance to study many articles on machine learning and I too would love to be able to contribute to the advancement of research in the medical field that I am particularly fond of and in which I am convinced that much remains to be done.

CONTACT

📞 +33638437213

📍 Paris 14th District

✉️ antoine.habis@polytechnique.edu

🐙 https://github.com/antoinehabis/SD

TECHNICAL SKILLS

- DATAIKU DSS : Advanced
- AWS : REDSHIFT, EC2, S3
- Python : Advanced
- C++ : Good
- R: Good
- LateX : Advanced
- GIT : Good
- Excel : Advanced
- Java : Good

GPA : 3.5