



ABOUT ME

Machine Learning enthusiast. My strong background in maths allows me to have a real understanding of the algorithms and my coding experience allows me to implement them. I want to work on impactful products, with people who have a real vision.



EDUCATION

University College London, London
2016 - 2017

MSc. Machine Learning (with Distinction): Supervised learning, Graphical models, Reinforcement Learning, NLP.
Research Project : Deep Reinforcement Learning agent to answer questions using Wikipedia.

Ecole polytechnique, Paris
2012 - 2017

MSc. Entrepreneurship and Data Science : Quantum Physics, Computer Science, Operations Research, Entrepreneurship, Data Science

Lycee Janson de Sailly, Paris
2010 - 2012

Selective and intensive course preparing for the French best engineering schools : Advanced Mathematics, Physics and Chemistry



SKILLS

Computer Science

Python (incl. Django) ● ● ● ● ●

Matlab ● ● ● ● ●

Javascript (incl. Chrome ext.) ● ● ● ● ●

HTML, CSS ● ● ● ● ●

Deep Learning Libraries: Tensorflow, Keras, Lasagne

Languages

French : Mother tongue

English : Fluent (114/120 TOEFL)

Spanish : Average

Classic Arabic : Beginner



ACTIVITIES

Sports : Sailing, Martial arts, Basketball, Hiking

Travel : 6 months from New Delhi to Tokyo, including the filming of a documentary on primary school pupils

Programming : Chrome extension showing the hierarchy of ownerships in the media

INFO



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EXPERIENCE



Rythm, Inc. Paris

Data Science Engineer Sep 2015- Feb 2016

- **Deep learning infrastructure** using Keras & Lasagne (see website)
- Signal quality prediction based on two seconds of electro-encephalogram signal with **LSTM networks**
- **Backend** application (Django) to store and compare predictors (random forests and neural networks)

Rythm, Inc. Paris & San Francisco

Marketing Intern Mar 2015- Sep 2015

- **Competitive analysis** (branding and wording)
- **Project manager** for the company's name change logistics, from Dreem to Rythm Inc..
- **Customer interviews** and focus groups.

Cabinet Startup, Ecole polytechnique, Paris

Cofounder Sep 2013 - Mar 2015

- Student-run association promoting **entrepreneurship**
- Organization of two **Startup Weekends** (150 participants)
- In charge of communication, mentors, juries

Gemalto, Singapore

Software Engineer Intern Jul 2013 - Aug 2013

- Development of an **HTML5 mobile application** aiming at evaluating the technology's possibilities and potentials for the company.

Lycee Janson de Sailly, Paris

Maths Teacher Assistant Sep 2013 - Jun 2014

- Evaluation of 2nd year students by giving them exercises to solve live on a blackboard
- Improvement of **pedagogic, listening and problem solving skills**