

# Hugo Moreau

Back from a year in Singapore, looking for an internship to capitalize on my 3 years of study and gain maturity concerning future orientation. Helping an organization in their product development (technical development or marketing of the offer), of transformation or efficiency improvement (contribute to the definition of the product strategy or IT in coherence with the company spirit)

## CONTACT

Born on the 10th of May 1994  
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21 av. du Gal. Leclerc, 92250 La  
Garenne Colombes, FR

## LINKS

Website://[hugomoreau.me](http://hugomoreau.me)  
Mail://[moreauhugo@me.com](mailto:moreauhugo@me.com)

## SKILLS

### PROGRAMMING

More than 5000 lines:

Java • C • Python • Scala •  $\text{\LaTeX}$

More than 1000 lines

CSS • HTML

Basic notions:

Objective-C • Swift

### LANGUAGES

English - Professional

French - Mother Tongue

Spanish - Scholar

### SOCIAL

- High autonomy
- Service oriented
- Sense of results and organisation
- Enthusiasm and determination
- Vulgarization capacity
- Appreciate teamwork in a multi-cultural context
- Spirit flexibility in problem solving

## ACTIVITIES

Water Polo, Fixed Gear  
Sailing on 40 feet Catamaran  
Boyscout, tutoring  
Photography and Video Editing

## EDUCATION

### ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

#### BACHELOR IN COMMUNICATION SYSTEMS (NETWORK, DEVELOPMENT AND SECURITY)

Sept 2013 - Present | Lausanne, CH

**Main Subjects :** Algorithms, Computer Networks, Theory of Computation, Programming (Object, System and Functional), Computer Architecture, Information Science, Concurrency, Probabilities and Statistics...

### NANYANG TECHNOLOGICAL UNIVERSITY

#### EXCHANGE YEAR

Jul 2015 - Present | Singapore, SG

**Main Subjects :** Cryptography and Network Security, , Web Design, Digital Communication, Digital Signal Processing, Software Engineering, Stochastic Processes, Databases, Operating Systems

### PREPARATORY CLASSES AT LYCÉE PASTEUR

#### PHYSICS, MATHS, CHEMISTRY AND MECHANICAL ENGINEERING

Sept 2012 - June 2013 | Neuilly-sur-Seine, FR

**Description :** Intensive year of study aimed to prepare students to Engineering school.

### HIGH SCHOOL AT LYCÉE PAUL CLAUDEL

#### SCIENTIFIC SECTION - SPECIALIZED IN MATHEMATICS

Sept 2009 - June 2012 | Paris, FR

**Diploma obtained :** French Scientific Baccalaureat with honors ("mention Très Bien")

## EXPERIENCES

### EPFL | TEACHING ASSISTANT

2014- 2015 | Lausanne, CH

**Subject :** Digital System Design

### SKEEN | INTERN

June 2012 | Paris, FR

**Internship Goal:** Conception, realization and presentation to the executive committee of an Awareness Study

- Made use of a Real Time Data Saving and Analysis System.
- Results of this study are still used by the Company at this date.

## PROJECTS

### HACKATHON | INTUITION

Mar 2016 | Singapore, SG

**Realisation :** Initially to progress on iOS development, those 24h finally turned out into the development of an app to share gas money between friends.

### WEB DESIGN | ONLINE RESUME

2015 - 2016 | Singapore, SG

**Realisation :** Creation of an Online Resume (linked in the left section) to progress on my Web Development skills.

## REFERENCES

**Concurrency & Computer Architecture** - M.Falsafi ([babak.falsafi@epfl.ch](mailto:babak.falsafi@epfl.ch)) | **Theory of Computation** - M.Vishnoi ([nisheeth.vishnoi@epfl.ch](mailto:nisheeth.vishnoi@epfl.ch)) | **Algorithm** - M.Svensson ([ola.svensson@epfl.ch](mailto:ola.svensson@epfl.ch)) | **Skeen's CEO** - M.Garcia ([pedrogarcia@skeen.fr](mailto:pedrogarcia@skeen.fr)) | **Technical Communication** - M.MacKinon ([jmackinnon@ntu.edu.sg](mailto:jmackinnon@ntu.edu.sg)) | All letters are available at : [patricia.galhardo@epfl.ch](mailto:patricia.galhardo@epfl.ch)