# Julien DUQUESNE

Data Scientist
French

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## EXPERIENCES

**January 2019-Present**

### Data Scientist at Paris Digital Lab
Paris Digital Lab is a digital technology specialization program enabling student to become proficient in various technologies through the realization of real-world projects, using **scrum methodology**.
It's based on the philosophy learning by doing.

**2017-Present**

### Co-Founder at Kooala
Kooala is a startup aiming at democratizing the tailor-made trip : kooala.fr
-Entrepreneurship mind : Market Study, MVP, Lean Management
-Developped website using **Django, ElasticSearch, PostgreSQL, Nginx, JS**
-UX and Design Thinking
-Strategies of customer acquisition : Social Networks, SEO, Google and Facebook Ads

**June - July 2018**

### Data Scientist at The Smart Arrow
The Smart Arrow is a startup proposing to brands services such as social media campaigns and community management.
I worked on these tasks during my internship:
-**Data exploration and visualization** to analyze social medias algorithm trends
-**Building pipelines** to predict key metrics representative of posts performance
-**Python, Pandas, Scikit Learn, TensorFlow**

**2018 - 2019**

### President at Genius CentraleSupélec
Association aiming at promoting entrepreneurship in the school.
We organized then events such as startup weekend, startup shows or Tedx-like conferences. I have **managed a team of 30 students** and worked along with startups and entrepreneurs to design events.

**2014-2015**

### Co-Founder at Young Industry
Non declared society developping mobile applications and websites.
3 applications on the Windows Phone Store using **C#, XNA and XAML** and 2 websites for clients.

## EDUCATION

**2017-Present**

### CentraleSupélec
Master of Science
Ranked n°2 among French Engineering Schools.
**GPA : 4.0**
Main courses : **Machine Learning, Probabilities, Statistics, Optimization, Algorithm and Programming**
Teaching assistant in the mathematic course

### Digital Tech Year
Consists of one semester of agile prototyping at the ParisDigitalLab incubator, developing real-world projects for French Organizations; plus one semester international work experience: internship in a leading high tech company outside France.
Relevant courses: **Design Thinking, Artificial Intelligence**

**2015-2017**

### Pierre de Fermat Highschool
Preparatory class for the grandes écoles
Mathematics, Physics, Engineering Science

## TECHNICAL SKILLS

### # Data Science
**Python -** Pandas, Scikit-learn, TensorFlow, Numpy, Keras

**Databases -** SQL, MongoDB, ElasticSearch

**Algorithms-** Data Structures, Graphs, Dynamic Programming, genetic algorithms

### # Modeling
**Mathematics-** Markov Chain, Brownian movement, Optimization, Partial Differential Equations

**Computer science -** Matlab, C#

### # Web
**Python -** Django

**Javascript -** React, NodeJs

**Basics -** HTML, CSS, SASS, LESS, Bootstrap

## PERSONAL SKILLS

**Rational**
Looking for optimisation and flaws of each situation to solve them in the best of ways.

**Efficient**
Try constantly to the fastest and most efficient way of solving a problem

**Open-minded**
Curious about people and a large field of subjects, willing to discover and learn new things every day

**Language**
French, native language
English, complete professional capacity (TOEFL ITP : 630/677)

## AWARDS

**2018**

### Google Hash Code
580th over 4852 team in the word, top 10% among French teams
Hash Code is a team programming competition organized by Google.
We pick our team and programming language, Google pick an engineering problem for us to solve.

**2018**

### Kaggle Titanic Contest
Top 5%
The Titanic contest is a contest to practice Machine Learning and to compare yourself with others. I ranked 535 over 10200 teams.

## HOBBIES & INTEREST

Game      Travelling      Book      Rugby      Chess      Fencing