

# Julien DUQUESNE

Data Scientist

French

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Looking for an internship as

**DATA SCIENTIST**

5 or 6 months from

August 2019

Contact.

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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.

-7-week project for **BCG Platinion** : Designing and prototyping a monitoring tool enabling banks' operation managers to overview Interest Rate Swaps operations. It consists in building a pipeline for data we simulated to be displayed on a dashboard.

Technologies used : **NodeJs, React, RabbitMQ, MongoDB**

June - July 2018

### Data Scientist at The Smart Arrow

The Smart Arrow is a startup offering 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 Machine Learning pipelines** to predict posts' KPI

-**Python, Pandas, Scikit Learn, TensorFlow**

2017-Present

### Co-Founder at Kooala

Kooala is a startup aiming at democratizing the tailor-made trip : [kooala.fr](http://kooala.fr)

-Entrepreneurship mind : Market Study, MVP, Lean Management

-Developed website using **Django, Elasticsearch, PostgreSQL, Nginx, JS**

-UX and Design Thinking methodology

-Strategies of customer acquisition : Social Networks, SEO, Google and Facebook Ads

2014-2015

### Co-Founder at Young Industry

Company funded during my high school years developing mobile applications and websites. 3 applications on the Windows Phone Store using

**C#, XNA and XAML**. 50k downloads.

2018-2019

### President at Genius CentraleSupélec

Association aiming at promoting entrepreneurship in the school. I have managed a **team of 30 students** and worked along with startups and entrepreneurs to design events.

## EDUCATION

2017-Present

### CentraleSupélec

Master of Science (MSc), Ecole Centrale Paris

Ranked n°2 among French Engineering Schools.

**GPA : 4.0**

Main courses : **Machine Learning, Probabilities, Statistics, Optimization, Algorithm and Programming, Algebra**

Teaching assistant in the mathematic course

2015-2017

### Pierre de Fermat Highschool

Intensive preparation course in Math, Physics and Computer Science for the highly ompetitive entrance exams to the French Grandes Ecoles.



## TECHNICAL SKILLS

### # Data Science

**Python** - Pandas, Scikit-learn, TensorFlow, Numpy, Keras, OpenCV

**Databases** - SQL, MongoDB, Elasticsearch

**Algorithms** - Data Structures, Graphs, Dynamic Programming, Genetic Algorithms

### # Modeling

**Mathematics** - Markov Chain, Brownian movement, Optimization, Partial Differential Equations, Linear Algebra, Probabilities, Statistics

**Computer science** - Matlab, C#

### # Web

**Python** - Django

**Javascript** - React, NodeJs

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

**DevOps** - Docker



## PERSONAL SKILLS

### Fast learner

I've learnt on my own using online content most of the programming languages I know. My scientific background and my multidisciplinary allow me to drill deeply and quickly into new subjects.

### Efficient

Try constantly to find 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 world, 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

