


Engineer student looks for a 6-month end of study internship in Data Science from April 2021


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 [GitHub \(Julien-Verdun\)](#)

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EXPERIENCE

- 2020 **KLEE GROUP** Full Stack Developer
5-month internship, work on Ma Démarche FSE project (web application for grant requests to the European Social Fund). Use of **Java** (Kasper framework) and **PostgreSQL** database.
- 2020 **SERFIM T.I.C.** Proof of concept
7-week full-time project with a team of 4 students. Use of **Python** to develop a **QGIS** (geographic information system) plugin. Automation and optimisation of optical fibre drawing and houses clustering.
- 2019 **SAINT-GOBAIN SEKURIT** Proof of concept
7-week full-time project with a team of 5 students. Development of a dashboard (**Plotly.JS**) to monitor one step of the windscreen production. Use of **Python Django** framework and **MongoDB** database.
- 2019 **SERENICITY** Proof of concept
7-week full-time project with a team of 4 students. Characterization and viewing of server tracks and hacker behavior. Use of **Elasticsearch** database, **NodeJS** and **React** framework.
- 2019 **BEUMER GROUP** Data Analyst
4-month internship into the Big Data departement in relation with the Customer Support. Management and analysis of industrial data and development of statistical and machine learning extraction tools with **Elastic Stack (Logstash, Elasticsearch, Kibana)**.
- 2018 **TIMKEN COLMAR** Machine operator
1-month internship on an assembly line for ball bearings after a training period to use an hydraulic press.
- 2017 - 2019 **Centrale Conseil Rhône-Alpes (Junior Entreprise)** Program and Business Manager
Project management, marketing, customer relation management.

EDUCATION

- 2020-2021 **Université Claude Bernard Lyon 1** Master in Data Science
- 2019-2020 **École Centrale de Lyon** Centrale Digital Lab
A one year innovative and immersive high-level training to digital company transformation. Three 7-week projects. **Design Thinking** and **agile development (Scrum)** training.
- 2019 **École Normale Supérieure de Lyon** Elective course : Machine learning
- 2017 - 2021 **École Centrale de Lyon** General engineer schooling (specialized in computer and data sciences)
- 2015 - 2017 **High school Louis Couffignal (Strasbourg)** "Classe préparatoire aux grandes écoles PTSI/PT*" (competitive exam)

IT

- Machine Learning projects (Kaggle projects : Titanic, Bee vs Wasp, Disaster Tweets) with **Python** (Pandas, Numpy, Keras, Scikit-learn, Tensorflow, Matplotlib)
- Project Euler problems with **Python**
- Development of games, Snake (with **PyGame**), a game based on genetic algorithm, TIC-TAC-TOE and an agent by reinforcement learning with **Python**
- Web development : implementation of several web applications **HTML, CSS, JS, React, MongoDB, MySQL, NodeJS**. Deployment of a web application : julien-verdun.github.io
- HomeTrainer mobile application : application to train at home in **React-native** available on the [Play Store](#)
- Implementation of 2048 game with **C++** on **QtCreator**

LANGUAGES

- French : native language
- Spanish : Beginner (A2 Level)
- English : B2 - C1 Level (603 / 677 at TOEFL exam)
- German : High school level

DIVERSE

- Handball, trail, crossfit (team spirit, surpassing yourself)
- In charge of infrastructure with the Festival "Décibulles" for 7 years
- Private lessons (mathematics and physics)
- Driver license