

# Paul Berg

Looking for an engineering  
internship in data-science  
6 months · Spring 2021



21 years old  
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## Education

### Engineering master in Computer Science specialized in Data-science

Université of Technology of Compiègne

2016 · 2018

### Abroad semester in Austria

Technische Universität, Graz, Austria

Spring 2018

### Bachelor degree

Université of Technology of Compiègne

2016 · 2018

### Baccalauréat S-SI Honors

Lycée Aristide Briand, Saint-Nazaire

2016 · 2018

## Professional experiences

### Study on Geometric Deep Learning

Spring 2020

**UTC** - Study on the state of the art algorithms in Geometric Deep Learning. Creation of benchmarks on reference datasets, applied to a new datasets with an hyper-parameter tuning process.

### Fullstack developer internship

Fall 2019 - 6 months

**Epsor** - Six months internship in a small development team. Creation of a web application organized around the message broker Apache Kafka and development of a service of workflow orchestration in Golang with Uber Cadence.

### Web developer

Spring 2019

**Imaginarium Festival** - Web and mobile developer in a volunteer team organising a music festival. Working with a team of developers, UX designers, and a communication team. (React, NodeJS)

### Drupal development

During 2019

**SFPM** - Working in a team on an existing platform. Development of new modules. Management of production releases

### Development of billing estimate making web app

Winter 2018

**JuniorUTC** - Conception of a web interface and an API, understanding of the client's need (React, Laravel)

## Languages

**English**, level C1

**German**, level B2

**Spanish**, basics

## Technologies

### Python

Django, OpenCV, scikit-learn, TensorFlow, Plotly, PySpark

### JavaScript

Frontend : React, Redux, GraphQL  
NodeJS : Apollo, Express, Socket.io

### Golang

Uber Cadence, Apache Kafka Consumer http

### Databases

Postgres, MongoDB, Apache Kafka, Neo4J, Cassandra

### Infrastructure

Docker, Kubernetes, AWS EKS, GCP, Heroku, git, GitLab pipelines

## Hobbies

### First aid

Since 2016

Lifeguard (Summer 2017 & 2018)

Head of a first aid student association in the Croix Blanche de l'Oise

Attendance to several events as chief of rescuers or first-aid volunteer

### Marine scouting

Since 2007

Activities for young people (12/16 yo.)

Repair of an abandoned fort in the Mediterranean sea

### Others

Skate, Surf, Design