



## LUCAS DUFOUR

French student (20 years)

Insa Lyon

Second cycle - Telecom & computing sciences Engineering



### CONTACT ME



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<https://github.com/lduf>



### SKILLS

#### Computers :

- Pack-office (Excel, Word, Powerpoint)
- Adobe CC (DreamWeaver, After Effect, Lightroom, Photoshop, ...)
- Wordpress web editor
- Database management
- Cloud-Based technologies (AWS-EC2)

#### • Languages:

- PhP (POO, backend)
- HTML & CSS (web responsive - bootstrap)
- JavaScript (the basics)
- Java
- Python
- Go (the basics)
- Haskell (the basics)
- C (in progress)

#### Soft skills :

#### Projet management

- Github setup / svn
- Drafting of specifications

#### Creativity

#### Optimization

#### Presentation



### LANGUAGES



French (Mother tong)



English (Working knowledge;  
Cambridge certificate (B1) in 2016)



Spanish (B1)



Chinese (discovery)



### HOBBIES

- Sport :  
Tennis (8 ans)  
Running (7 ans)
- Quantum sciences
- Danse (waltz and rock)
- Travel (New York, Montenegro, London)



## WORK EXPERIENCE

### Programming

- **Summer 2019** : 9 weeks to terminate the previous PHP projet, SQL database management, web responsive with bootstrap. Using severals API.(Grafik Plus)
- **Summer 2018** : 6 weeks at Grafik Plus to develop severals web applications (analyzing communication campaigns). Using Php, SQL, HTML, CSS and bootstrap.
- **Summer 2017** : Creation of a web application for analyzing e-mailing campaigns (6 weeks at Grafik Plus). Using Php, SQL, HTML and CSS
- **Jully 2016** : Website design (4 weeks) at Grafik Plus
- **2014** : Observation internship (Grafik Plus)

### Associative engagement

- **2021-2022** : Sustainable development manager and member of ASTUS (Telecom department's association), contact & partnership with companies, IT support
- **2017-2018** : President of the Sport Association, at Internat d'Excellence de Sourdun
- **2016-2018** : Membre of the danse et savoir vivre club (help with the organization of balls, ceremonies, activities ...)
- **2016** : Creation of a programming club and course animation (around 20h).



## EDUCATION

### Graduate studies

🏢 INSA Lyon 📅 2018-....

#### Computer & Telecom Engineering Student - Art studies.

- Plastic Art Studies, work on film and digital photography.
- Chinese lessons
- Using Github
- Learned severals languages whose :
  - Python (POO, multithread/multiprocess)
  - Go (Dijkstra Algorithm server based)
  - Haskell (the basics)
  - JavaScript (the basics)
  - C (in progress)
- Research initiation project on image analysis by neural network (in progress).  
Objective: classify poisonous and edible mushrooms from an image
- WEB project in collaboration with the Red Cross (in progress)  
Development of an Android application on Android Studio  
Development of a website to visualize the data  
Creation of the web server (Apache2), SQL server (mysql)

#### First cycle student.

- Plastic Art Studies (work on film photography, sculpture et painting)
- Artistic project around Leonardo da Vinci and Pierre Soulages, exhibited during "la fête des lumières" at the Bullukian Fondation (Lyon, 2019)
- Robot design project (SolidEdge (CAD), arduino programming and project modeling in Java). Sue of UDP and TCP protocols.
- Java project : website creation interface (inspiration from Abode Muse) + image recognition (Java OOP)

### European Scientific Baccalaureate - with honors

🏢 Internat d'Excellence de Sourdun 📅 2015-2018

Scientific high school diploma option Engineering Sciences and Plastic Arts, Mathematics Specialty, European Section.  
Project about quantum levitation, presented as a website.

### Online courses

🏢 OpenClassroom 📅 2015-....

- Learned programming languages (HMTL, CSS, JavaScript, PhP, Python, Java, C) on OpenClassroom, Udemy, ...
- Initiation to web security (XSS, SQL injection ...)
- Course on AWS basics
- Creation of Web Apache 2 server
- Creation of local DNS server

### Driver Licence

🏢 Coulommiers 📅 2018