

# HUGO SERIEYS

COMPUTER SCIENCE STUDENT LOOKING FOR A 6 MONTHS INTERNSHIP  
FROM APRIL 2020

## EDUCATION

2017-...

### COMPUTER SCIENCE AND ELECTRONICS MASTER DEGREE

at Ecole des Mines de Saint Etienne ♥ Gardanne, France

Three year course in computer science and microelectronics, with third year major in computer science and minor in security (ending with a master degree). Courses included: software/web/mobile programming, machine learning, client-server, databases, cryptography, management.

2015 - 2017

### PREPARATORY CYCLE FOR ENGINEERING SCHOOLS IN PHYSICS AND MATHEMATICS

at Jules Ferry high school ♥ Versailles, France

## WORK EXPERIENCE

March - August  
2019

### RESEARCH INTERNSHIP IN DATA SCIENCE

at EURA NOVA ♥ Bruxelles, Belgium

Deep learning research on domain adaptation.  
- Implementation of state-of-the-art algorithms from papers,  
- Benchmark of these algorithms on given image datasets,  
- Original contribution.  
*Tools: Python, TensorFlow 2.0, Docker, Linux.*

June 2018 -  
March 2019

### WEB DEVELOPER

at M-GaTE ♥ Gardanne, France

Implementation of a web interface for connected objects management.  
- Authentication system,  
- Database management,  
- User and administrator interface,  
- Customized file generation system.  
*Tools : HTML, CSS (Bootstrap), Javascript (jQuery), PHP, MySQL, Git.*

September 2018  
- January 2019

### PROJECT MANAGER

at Ecole des Mines de Saint Etienne ♥ Gardanne, France

Project with EURA NOVA to design a application for automated video analysis.  
- Specification document, bibliography, technical answer (schedule, to-do list, tools to use, risks assessment),  
- Project management, communication between stakeholders, meeting facilitation, project pitch.

## PERSONNAL/ASSOCIATIVE PROJECTS

September  
2018

### SCHOOL PROJECT : CONNECTED MINESWEEPER

Design of a connected minesweeper game in Java.  
- Game rules management,  
- User interface,  
- Network game management using sockets and threads.

January -  
November  
2018

### WEB DEVELOPER

at Forum Entreprises ISMIN (FEI)

Update of the association website, especially for the frontend part (new user interface, mobile-friendly).  
*Tools : Html/Css (Bootstrap), Javascript (jQuery), Git.*

October 2017  
- June 2018 |  
September 2018  
- January 2019

### SCHOOL PROJECTS : ROBOTS

Robots design including each steps of the conception.  
Electronic components soldering, pre-study (algorigrams, pseudo-code), software development based on a imposed specifications, simulation, tests.  
*Tools : Embedded C (timers, interruptions, UART...), I2C & Bluetooth protocol.*



## ABOUT

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Driving license

## SKILLS

### PROGRAMMING LANGUAGES

WEB	OTHERS
HTML/CSS	Python
Javascript/Typescript	Java
PHP	C, C++
(My/PostGre)SQL	Embedded C

CMS/Framework: Wordpress, jQuery, Bootstrap, NodeJS, TensorFlow

### SOFTWARES

MatLab	Photoshop
Android Studio	Lightroom
Excel	InDesign
	Illustrator

## LANGUAGES

English (good working knowledge, TOEIC 980)	● ● ● ● ●
Spanish	● ● ● ● ●
Japanese	● ● ● ● ●

## HOBBIES

Travel (european capital cities)

### SPORTS

Mountain activities (hiking, wild-camping, skiing, rafting)  
Running and trail running  
Martial arts (4 years of practice)

### ARTS

Theatre (improvisation, performances)  
Photography (landscapes)  
Drawing, watercolor  
Reading (philosophy, non-fiction)  
Guitar (autodidact)