

Vivien PERRIN

Electrical and Electronical Engineering and Automatism

Personal Details

Date Of Birth 13th of November, 1995
Permanent Address 74 Avenue Camille Desmoulins, 94234 Cachan, France
Languages French, Spanish, English
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Education

2015–2016 **Licence SAPHIRE spécialité EEA**, Bachelor Degree of EEEA, **ENS Cachan** (Top School), .
2014–2015 **PSI***, Preparatory School, Lycée Henri Loritz, .
Competitive Exam of the ENS Cachan
2013–2014 **PCSI**, Preparatory School, Lycée Henri Loritz, .
2010–2013 **Baccalauréat Série S**, High School, Lycée Jean Lurçat, .
Baccalauréat Série S (A level) with honours

PROJECTS

2015-2016 **Design and manufacturing of an electrical generator.**
We are trying to design and manufacture an electrical generator for bikes which requires less iron than traditional bike generators. I am tasked to design the magnetic circuit of this generator using the magnetic simulation software ANSYS Maxwell.
2014-2015 **Automatic control of a DC electric motor .**
I built an Arduino program, an electronic circuit and a test bench in order to control a DC electric motor and show that such a motor is reversible.

Personal Skills

- As a former student of preparatory school I am able to **manage important workloads** during short delays.
- I am able to **work easily in team and lead a project**. Indeed I took part in many different projects during my studies and I am used to work in team.
- I am able to **work efficiently under pressure**. Indeed during in preparatory I was used to manage important projects during short time and do oral presentations or oral exams without any preparation time.

- I am able **to communicate efficiently** with other people in French, English, and Spanish. Indeed I have acquired coping and communication skills during personal travels in Kenya, Greece, Canaria, Spain.
- I have **good computer handling and programming skills** which I acquired during my studies.

IT Package

Engineering Softwares:

- I am fully proficient in using **ANSYS Maxwell** and **Multisim** which I use this year during my project.
- I am able to work with **Catia** which I use during my project and **SolidWorks** which I used during preparatory school.
- I am fully proficient in using **Python** language and **Matlab** which I used during many personal projects.
- I am able to use **Arduino** which I used during preparatory school.

Other Softwares

- I am fully proficient in using **MS Office**(Word, Excel, PowerPoint, Publisher) and **Latex** which I use during in my studies.

Languages

French	Mothertongue
Spanish	Intermediate
English	Intermediate

Personal Interests

- Quantum Mechanics
- Photonics
- Telecommunications
- Signal processing