

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
Mobile No. +33 616488546

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, Greek, 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