

Christophe Ellis
22 years
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Purpose : Become an Automation Engineer Looking for an internship of 2 to 3 months

Education

2020-2023 : **Electrical Engineer Diploma, Option CCSA**, Electrical department, INSA de Lyon.

Skills : Automatic, Automation, Signal processing, Electronics, Electrical engineering, Industrial computing, Telecommunications.

Option : Control of converters and actuators

Modelling, simulation, control and experimentation of electrical/mechanical systems.

2021 : **TSLG digital cruise control training**, General Electric, Grenoble.

2020 : **Electrical authorization B1, H1, M1**, Compagnie Nationale du Rhône.

2020 : **Two-Year university degree in Electrical engineering and Industrial computing, Robotic Option**, University of Toulon, IUT.

Areas of Expertise

Computer Languages :

- *Technical proficiency in C language
- *Technical proficiency in C++ language
- *Notions in C# language
- *Python technical proficiency
- *VHDL Description

Tools and Software :

- *Technical proficiency in Matlab/Simulink
- *Technical proficiency in Autocad Electrical
- *Technical proficiency in Dewesoft
- *Technical proficiency in LTspice
- *Technical proficiency in Kikad
- *Technical proficiency in Ecostruxure Schneider
- *Technical inspection Office kit

English :

- *B2 Level

2020-2023 : **Engineering Apprentice at the CNR** (Compagnie nationale du Rhône), **3-year project**

Development of a **complete turbine-generator simulator** to integrate the part concerning the speed regulation of a turbine and the part concerning the voltage regulation of the generator. This project will analyse the functioning of the communication interfaces, identify the modifications to be made and install the new hardware and software on the simulator.

Personal experience

Participation of the Robotic French Cup, Cachan 2019. Creation of an obstacle avoidance robot and bullet launcher thanks to a microcontroller card, an embedded PC and sensors (LIDAR, infrared, incremental encoder).

Luc tennis club, for 4 years, ranking 30/4.