



Oscar Diguiny

Electrical
engineering student

Contact

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About Me

I have a strong interest in electronics, robotics, and programming, and I am highly motivated to deepen my knowledge in these areas. With my strong listening and observation skills, I quickly adapt and find ways to contribute effectively.

Skills

- Can code in C and in Python
- Can assemble computers
- Bases in HTML and CSS

Interests

Racing BMX and mountain biking
Programming on video games and on Arduino microcontroller

Education

- **Scientific baccalaureate - European section - Majors : Mathematics, Physics and digital sciences**
Lycée Voltaire, Orléans 2020 - 2023
Baccalaureate with honors
- **Preparatory class PCSI**
Lycée Saint-Louis, Paris 2023 - 2024
- **Preparatory class PSI**
Lycée Pothier, Orléans 2024 - 2025
- **Engineering program in Electronics, Electricity and automatism**
ENSEEIHT, Toulouse In progress

Experience and projects

- **Observation experience in robotics - automatism - electrical engineering and informatics for industry**
Firac, groupe SNEF Janvier 2020
Discovering the engineering profession
- **Development of a camera stabilizer using Arduino components**
Year project for the orals of engineering schools at the end of preparatory class 2024 - 2025
- **Designing and developing a robot for the French Robotics Cup**
In progress
Group project with the ENSEEIHT Robotics Club.
The goal is to design a robot that moves game elements during a match against another robot.

Languages

- Français : native speaker
- Anglais : B2 Cambridge
- Espagnol : A2
- Allemand : beginner