



✉ lpierson002@enseirb-matmeca.fr

🏠 Auragne, 31190, France

📅 23 years old

🇫🇷 French

🚗 Overseas driving licence

📍 Brisbane

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## Social networks

in

@www.linkedin.com/in/piersonlouis

## Languages

**English**

CEFR Level C1

**French**

CEFR Level C2

Native

**Spanish**

Academic level

## Assets

**Autonomous**

**Rigorous**

**Team Spirit**

**Listening and**

**Communication Skills**

# Louis PIERSON

## 2nd Year Student in IT at ENSEIRB-MATMECA

### Education

#### 2nd year in IT engineering school

Since September 2021 [ENSEIRB-MATMECA](#) Bordeaux, France

Completed extensive computer training covering a wide range of topics, including software development, algorithm design, compiler construction, networking, cryptography, and operating system management. This diverse educational background has equipped me with a broad skill set and a deep understanding of computer systems.

Engaged in several collaborative projects, demonstrating strong teamwork and problem-solving skills. These projects included :

- Designing a virtual aquarium with separate control and display functionalities.
- Developing a custom thread library to enhance process management.
- Creating an artificial intelligence program using TensorFlow to play the game of Go, improving my ability to work with advanced AI technologies.
- Building a database with an integrated web interface, which involved both backend and frontend development skills.

#### Intensive course for the competitive examinations to the 'Grandes Écoles'

From September 2018 to June 2021

[Lycée Pierre de Fermat](#) Toulouse, France

- Completed a comprehensive training program that enhanced my scientific knowledge across various domains. This has equipped me with a broad and versatile skill set, crucial for addressing diverse technical challenges.
- Undertook and successfully managed a complex research project, improving my ability to tackle intricate problems and deliver effective solutions.
- Developed strong time-management skills and steadfast dedication, essential for handling high workloads and maintaining consistent performance in fast-paced environments.

### Work experience

#### Intern in Software Development

From July 2023 to September 2023 [Setics](#) Toulouse, France

- Enhanced and fine-tuned the Python code for an innovative geographic layer merging tool used in Setics Fiberstate, a key software for monitoring fiber optic projects. This improvement significantly boosted tool efficiency and user satisfaction.
- Played a pivotal role in designing and deploying Python software to analyze the performance of Setics Sttar, an optical fiber design tool. Collaborated effectively within an international team, adhering to agile method, which enhanced team efficiency and software quality.
- Gained hands-on experience in field acceptance testing, enhancing my understanding of real-world application scenarios and customer needs.

## Mastered Softwares

Office 365

Git and GitHub

IDE

Adobe Creative Cloud software

Lightroom, Photoshop, Premiere Pro

## Interests

Hiking

Cycling

Photography

Travel

North America

Large cities of Europe

## Work experience

### Worker Internship

From June 2022 to July 2022 [Praxair MRC](#) Toulouse, France

#### VBA Developer:

- Developed an innovative macro in Microsoft Excel aimed at streamlining production processes. This tool played a crucial role in enhancing production efficiency and elevating overall quality standards.

#### Production Operator :

- Expertly handled the cutting of metal cylinder, engraving of steel blooms, stripping and sandblasting of metals, paying close attention to detail and precision in manufacturing processes.
- Conducted thorough analysis of castings, ensuring high-quality outputs.

## Voluntary experience in Robotics Association

### Web manager

From July 2022 to August 2023 [Eirbot](#) Bordeaux, France

Successfully designed and launched the Eirbot association's new website utilizing WordPress, a leading content management system. This project allowed me to improve my skills to create user-friendly, visually appealing, and functional websites, aligning with organizational needs and goals.

### French Robotics Cup

From April 2022 to June 2023 [Eirbot](#) Bordeaux, France

Played a key role in a team that developed Arduino LED display modules for a competition robot. This project involved creating displays that provided essential information from the robot, combining technical skills in software programming and hardware design with teamwork and problem-solving abilities.

### Conception and Creation of an "Otto" Robot

From February 2022 to March 2022 [Eirbot](#) Bordeaux, France

Successfully designed and built an "Otto" robot capable of executing precise actions and detecting obstacles using an ultrasonic sensor. This project allowed me to improve my proficiency in robotics, sensor integration, and the ability to develop solutions that interact effectively with their environment.

## Voluntary experience

### Community Manager

From October 2022 to February 2023 [GALA](#) Bordeaux, France

As a Community Manager for a GALA association, I developed key skills in managing online communities, engaging with members through digital platforms, and providing support and information. This role involved effective communication, problem-solving, and fostering a positive and collaborative online environment.

### Yearbook Manager

From August 2022 to February 2023 [GALA](#) Bordeaux, France

Managed the creation of a Yearbook for a GALA association, targeting future graduates. This role involved coordinating content, design, and production processes. In order to succeed in this mission strong organizational skills, attention to detail, and the ability to work effectively under deadlines was needed.