

# CÉSAR LARRAGUETA

## COMPUTER ENGINEERING STUDENT

Curious and driven by problem-solving, I am a French third-year Robotics Engineering student at ENSEIRB-Matmeca, Bordeaux Graduate School of Engineering. Passionate about artificial intelligence and robotics, I am seeking a 6-month internship abroad to complete my third year of studies and gain experience while applying my skills in the fields of robotics and machine learning.

## LANGUAGES

**French :** Native

**English :** Advanced Skills, TOEIC 930/990

**Spanish :** Intermediate

## COMPUTER SKILLS

**Python, PyTorch, Scikit-learn**

**C, C++**

**Java**

**HTML, CSS, Javascript**

**SQL, PostgreSQL**

**LaTeX, Git**

## EXTRA CURRICULAR ACTIVITIES

**Music :** Guitar player, Avid music seeker

**Sports :** Surfing since age 10, Boxing, Climbing.

**Outdoor activities :** Fishing, Boating, Hiking, Wild camping

**Traveling :** Multiple road trips across Europe, Spain, Portugal, Italy and Morocco, Linguistic trip in South Africa.

## MORE INFO



clarragueta@bordeaux-inp.fr  
cesarlarra33@gmail.com



+33 6 17 56 58 15



52 Rue Capdeville, 33000 Bordeaux



Driving License, Valid Passport



French



www.larragueta.fr



## EDUCATION

### Engineering School in Computer Science

Enseirb-Matmeca, Bordeaux graduate school of Engineering

2022 - today | Talence, France

Second-year student in a 3-year graduate program leading to a Master's-level degree.

*Algorithmics, Programming, Artificial Intelligence, Management, Languages.*

*Website : <https://www.bordeaux-inp.fr/en>*

### Preparatory Class

Lycée Camille Jullian

2020 - 2022 | Bordeaux, France

Intensive Preparatory Program in Mathematics and Physics and Chemistry. CCINP competitive exam final rank : 1079th.

*Analysis, Algebra, Physics, Chemistry, Python, Engineering Sciences, Languages.*

### French Scientific High School Diploma

Nord Bassin - Simone Veil High School

2017 - 2020 | Andernos-les-Bains, France

*Mathematics, Physics, Chemistry, Biology. Scored 15.8/20*

## WORK EXPERIENCE

### Summer Internship : *Development of an Intelligent PDF Document Preprocessing System*

Wevoo

2025 | Tunis, Tunisia

Developed and compared OCR- and AI-based methods to extract and structure key data from heterogeneous PDF documents. Integrated results into a RAG pipeline and collaborated in an agile Scrum environment.

### Pizza Chef, Cook

La Pizzeria des Bois

2018 - 2024 | Le Porge, France

Seasonal job over six seasons in the same company, progressing to the position of head pizzaiolo at the end.

### Tutor

2022 - today

Private tutoring in Math, Physics, Chemistry, from middle school to prep class.

## PROJECTS

### Smart Traffic Light Intersection Optimization

2025 | 4 months engineering school project

Developed a reinforcement learning model to optimize traffic light cycles in real-time, reducing wait times and improving road safety. Used PyTorch, SUMO, and traffic light control units.

### Blood Glucose and Viscosity Analysis

2021 - 2022 | 1 year Preparatory class final research project

Established a quantitative link between blood glucose levels and blood viscosity through experimental analysis.

Compared and evaluated different glucose measurement methods used in diabetic glucometers.

**Find more projects on my website**