

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 ACTIVIES

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



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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*

Wevioo

2025 | Tunis, Tuisia

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