cperdrizet@enseirb-matmeca.fr
Withheld on website for privacy
Withheld on website
corentin-perdrizet.fr

Languages

French

Native

English

Professional skills (TOEIC 910)

German

School level

Spanish

Learning

Computer skills

Python, Tensorflow, PyTorch

AI : NN, CNN, NLP, DL, ML, RL, LLM

C, C++

Java

SQL

JavaScript, TypeScript

Html / CSS

LaTex

Git

Extra-Curricular Activities

Music
Concerts and Festivals

Gym, Climbing
Few hours a week, for pleasure

Tennis
9 years in competition, now for pleasure

Poker
Occasional competitions

Traveling
Road Trip in Europe, Linguistic Trips in Malta, Spain and Germany

Corentin Perdrizet

Engineer Student in Computer Science

As a Computer Science Engineering student specializing in artificial intelligence, I am seeking a 5 to 6-month internship in a tech company focused on AI. I am eager to contribute to projects while expanding my expertise in a dynamic environment.

Education

Engineer School in Computer Science Specialized in Artificial Intelligence

Since September 2022 — ENSEIRB-Matméca, Bordeaux Graduate School of Engineering Talence, France

Third-year student in a 3-year graduate course leading to a Masters-level degree
Sciences: **Algorithmics**, **Programming**, **Artificial Intelligence**, **Data-Science**, Management, Languages
Website : **https://www.bordeaux-inp.fr/en**

Intensive Undergraduate Course

From 2020 to 2022 Lycée Camille Jullian Bordeaux, France
Sciences: **Analysis**, **Algebra**, Physics, **Python**, **Engineer Sciences**, Languages

French High School Diploma

From 2017 to 2020 Lycée Nord Bassin - Simon Weil Andernos-les-Bains, France
Sciences: **Mathematics**, **Physics**, Chemistry, Biology

Work experience

Intern - AI Developer

From July 2024 to September 2024 Technische Universität Berlin Berlin, Germany
Developed image recognition **AI models** for **satellites** in low orbit, focusing on **machine learning** algorithms and **data analysis**.

Summer jobs

From July 2023 to August 2023
- **Kitchen assistant** and **dishwasher** in a restaurant (Pizzeria des bois, Le Porge)

From July 2021 to August 2021
- **Sales assistant** in a campsite (Camping les pastourelles, Lège-Cap Ferret)

Since 2020
- **Private tutor** for high school student in Mathematics and Physics

From August 2019 to November 2019
- **Cooking** and **service** according to customer's demand (McDonald, Arès)

Academic Projects

Alzheimer Detection from Brain MRI - since Oct. 2024
Developed a method to **detect Alzheimer** stages using 3D brain MRI, leveraging **U-Net** architectures and strategies such as 2D slices and 3D patches.
Skills used : **TensorFlow, Deep Learning, Computer Vision, CNN, U-net, 2D/3D Processing**

Nematode Detection for Pine Preservation - since Oct. 2024
Developed a **computer vision** model to **detect and count** nematodes in microscopic samples to monitor their spread and prevent pine destruction.
Skills used : **Computer Vision, TensorFlow, Deep Learning, Image Analysis**

AI model for Go - from April. to May. 2024
Developed an **AI mode**l capable of playing the game of Go, utilized advanced **machine learning** techniques to analyze patterns and improve game performance.
Skills used : **PyTorch, Machine Learning, Strategy Algorithm Development**

Secure Micromobility Route Recommendation - from Dec. 2023 to May. 2024
Developed a cross-plateform **application**, leveraging data processing and multicriteria optimization to **recommend safer travel** routes for bikes and scooters in urban areas.
Skills used : **Python, Java, SQL, JavaScript, Android, React**

Waste Collector Robot - from Apr. to May. 2023
Programming and **optimization of the path** of a waste collector robot avoiding obstacles.
Skills used : **Graph Theory, Path Weighting, Path Optimization, JavaScript**

Digital Algorithmic Projects - from Feb. to May. 2023
A series of projects focused on **digital algorithms**, including the modeling of waves, pendulums with N links, pressures on an airplane wing, calculation of Lagrange points, among other complex issues.
Skills used : **Python, Analysis, Algebra, Applied Mathematics**

Applied Mathematics Personal Project - from Jan. 2021 to Jul. 2022
Study and implementation of **solutions** to **reduce road accidents** using clothoïds curves. Project presented at University of Paris.
Skills used : **Applied Mathematics, Calculus, Analysis, Python, LaTex**