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🔗 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 **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

AI model for Go - from April. to May. 2024

Developed an **AI model** 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-platform **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**

Database Carpooling Project - from Oct. to Dec. 2023

Developed a **relational database** and its interface for campus carpooling, covering data modeling, user management, trip scheduling, and feedback functionalities.

Skills used : **SQL, PHP, Html, CSS**

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**

Game Development and Heuristics - from Nov. 2022 to Apr. 2023

Developed various games including **game heuristics** for two board games (Mansuba and Amazon) and a Tower Defense game.

Skills used : **C, JavaScript, HTML, CSS, Client/Server Architecture, Teamwork**

Applied Mathematics Personal Project - from Jan. 2021 to Jul. 2022

Study and implementation of **solutions** to **reduce road accidents** using clothoids curves. Project presented at University of Paris.

Skills used : **Applied Mathematics, Calculus, Analysis, Python, LaTeX**