

Basil Courbayre

After doing studies in mathematics and computer science, I am now looking towards the future with a strong will to combine both by doing an internship in your company in the Artificial Intelligence field.

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Chicoutimi, Québec, Canada

Skills

Computer science

Python



Front-end (JS, HTML, CSS)



Back-end (PHP, Symfony)



C/C++



Java



R, RStudio



Languages

English C1-C2 (985 TOEIC)

French Native language

Spanish B1

Human skills

- ✓ Versatility
- ✓ Persistence
- ✓ Active listening

Hobbies

Cinema

Hiking

Cooking

Professional experience

AI project member 2023 (3 months) UQAC, Chicoutimi, Canada

Master's project : Development of an app to generate a movie from a set of given parameters (genre, public). The solution gave realistic income results as well as ideas for the pitching phase, such a title, plot and main actors.

Research assistant 2023 (4 months) University of Turku, Turku, Finland

Data science internship : Enhancement of the miaverse project with the addition of a clustering feature for microbiome data. Internship supervised by Leo Lahti of the Turku Data Science Group.

Software Developer 2022 (3 months) ENSICAEN, Caen, France

Racing project in C : Programmed a racing car and its AI for a racing game in C. The car had to have an optimal trajectory while being able to compete with other cars

Web Developer 2021 (5 months) Alcyons, Biarritz, France

Internship and job in web development : Developed a web app with Symfony to facilitate the training management for the company. Also redesigned the back-office of the company.

Project Manager 2020-21 (7 months) OpenCEMS, Bayonne, France

Project on connected environment with OpenCEMS : Helped the industrial chair OpenCEMS redesign its data structure and find solutions for automatic form generation

Data project member 2020 (2 months) IUT de Bayonne, Bayonne, France

Data analysis project on RStudio : Used data gathered during my volunteer service to do some analysis on movies and the reasons for their success

Education

2023-2024 UQAC, Chicoutimi, Canada Master's Degree in AI

Machine learning for Big Data	100%	AI project	100%
Computer Vision	96%	Introduction to machine learning	100%

2021-2024 ENSICAEN, Caen, France Master's Degree in engineering

C programming	91%	Software engineering and UML	88%
Advanced algorithmic	86%	Project Management	96%

2019-2021 IUT de Bayonne, France Associate's Degree in computing

Mathematical modeling	100%	Object-oriented programming	98%
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