

# 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

R, RStudio

C/C++

Front-end (JS, HTML, CSS)

Back-end (PHP, Symfony)

Java

### Languages

English C2 (985 TOEIC)

French Native language

Spanish B1

### Human skills

- ✓ Versatility
- ✓ Persistence
- ✓ Active listening

## Hobbies

Travelling

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.

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 scientist 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

GPA: 4.23

Computer Vision, Machine learning for Big Data

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

Software engineering and UML, C/C++ programming, Project Management

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

## Voluntary Work

2018-2019 Maison du Peuple, Saint-Claude, France Volunteer Service

Worked in a movie theater where I sold tickets, created the newsletter, updated the website and organized events. I also did a study to see what type of movie brought the most income.