# Matthieu Rouxel

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## Objective

Student at the University of Colorado, Boulder, focusing on Computer Science with a minor in Applied Mathematics and Linguistics eager to pursue a Masters degree. Motivated by the potential for technologies such as AI and Data science to address current global challenges.

## Experience

**Intern — AxaiTech, Cape Town, South Africa**

July 2023 — August 2023

Used classification methods and predictive modeling to help a biotech company in cracking cures to cancer.

**Intern — Gardyn Inc., USA and remote**

May 2023 — July 2023

Worked under the chief Data Scientist, created a model to predict the churn rate of the company's product. The goal of the experience was to apply predictive modeling to solve churn issues for the company.

**Intern — IE University, Madrid, Spain**

May 2022 — July 2022

Facilitated and communicated effectively in Spanish, to prepare the IE Graduate Summer School. Delivered personal guided tours to prospective students, managed email correspondence with students actively enrolled in the summer program, and helped smooth the Graduate Summer School's enrollment process.

**Intern — Gardyn Inc., USA**

June 2021 -July 2021

This diverse company's purpose is to reimagine agriculture in a more sustainable way. Took care of plant growth and health, testing new plant varieties, scheduling photoshoots for the plants, and updating materials on the Gardyn app.

## Skills & Abilities

- Creative mind and Critical Thinker
- Collaborative, Excellent Communicator and Team Worker, Patient/Attentive
- Cleaning data, modeling data, and predictive analysis (Python); Introductory skills NLTK (Python)
- Languages: English, French and Spanish

## Education

**University of Colorado, Boulder — August 2020 — May 2024 *(expected)*, Bachelors' in Computer Science, Mathematics, Linguistics**

Coursework in data science, AI, data structure, systems, and algorithms. Proficient in both Python and C++.
Core Courses:

- Introduction to Computational Thinking
- Data Structures
- Linear Algebra with Computational Applications
- Algorithms
- Software Development Methods and Tools
- Principle of Programming Languages
- Computer Systems

Elective Course:

- Intensive Programming Workshop
- Database System
- Introduction to Data Science
- Introduction to Artificial Intelligence

## Leadership

**University of Colorado, Boulder, Learning Assistant (LA) — August 2021 — December 2023**

The LA program is a world-wide program that was founded at the University of Colorado in 2001. As LA, my role is to promote student engagement and facilitate student communication in the classroom. This enhances student capabilities and provides opportunities for personal growth. By promoting discussion amongst students, answering students' questions, not only does an LA guide students through challenging problems and develop their learning abilities, but it also makes the LA a role model for future students who aspire to succeed.