

Matthieu Rouxel

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EDUCATION

B.A Computer Science (2020 – 2024)

University of Colorado Boulder

SKILLS

- French
- Spanish
- English
- C++ (object oriented)
- Python (basics & data analysis)
- R (Statistical models)
- Power BI
- Docker
- SQL, Cassandra, MongoDB
- Problem-solving
- critical/creative thinking
- Adaptability
- Communication
- Good Work Ethic

EXPERIENCE

Gardyn, Washington DC, USA - Leveraging AI to revolutionize hydroponic food production

Data Engineer Research Intern

July 2024 – September 2024

- Objective: build predictive models to reduce user churn rate
- Collected, cleaned, and analyzed Customer Data
- Analyzed customer behavior and identified high-risk patterns

Nvidia, Axaitech, Cape Town, South-Africa

Data Science Intern

July 2023 – August 2023

- Objective: Find the top ten strands of mRNA proteins to cure targeted cancers
- Automation of cleaning data and generation of visualizations
- Applied Dimensionality reduction techniques (PCA and LDA)
- Developed predictive models: Linear/Logistic Regression, Decision Trees (Random Forests), and Gradient Boosting

IE University, Madrid, Spain

June 2022 – July 2022

Administrative Assistant

- Successfully organized summer program for prospective graduate students
- Overseeing events scheduling, coordinating with professors, planning activities and managing catering logistics
- Engaging with prospective students via email
- Spanish immersion experience

University of Colorado, Boulder, CO, USA

August 2021 – December 2023

Teaching Assistant (Leadership Role)

- Hosted weekly Recitations, Office hours, or worked with undergrad students on in-class exercises.
- Guided students through math problems ranging from preCalculus to Applied Probability and statistics.

Hobbies

- Endurance athlete: half-marathons, marathons, and half-Ironman races. Pacer in 100-mile ultra-trail run
- Travel to explore cultures across the world: Brazil, Chile, Morocco, Europe, India, Myanmar, Thailand, etc...
- Learning new languages