

Guillaume de Creny

FIRST-YEAR ENGINEERING STUDENT · TOULOUSE INP ENSEEIHT

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Summary

I am a student in digital sciences after completing a Bachelor's degree in Applied Mathematics. I am passionate about IT careers, particularly in Big Data. At N7, I am developing my skills in data analysis, statistics, modeling, and programming. Curious and detail-oriented, I aim to apply my scientific knowledge to concrete projects related to computer science and data science.

Academic Projects and Experience

Collaborative work on Lorenz System

Toulouse, France

UNIVERSITY OF TOULOUSE

June 2025

- Numerical modeling and solving of a nonlinear ODE system
- Analysis of the chaotic behavior of the model and visualization using Python

University Presentation - Radon Transform

Toulouse, France

UNIVERSITY OF TOULOUSE

May 2025

- Conducted documentary research and popularized advanced mathematical concepts
- Delivered a clear and structured oral presentation to a student and faculty audience

DGFIP of Aude

Carcassonne, France

CONTRACT AGENT

Summer 2024

- Assisted with the recovery of tax debts and administrative follow-up of cases
- Collaborated with department agents to ensure continuity in handling requests
- Managed confidential data with precision and respect for procedures

Education

Toulouse INP - ENSEEIHT

Toulouse, France

ENGINEERING DEGREE

ongoing

- Linux environment, Modeling and Imperative Programming in Ada
- Introduction to data science: statistics and data analysis

Lycée Saint-Louis

Toulouse, France

B.S. IN APPLIED MATHEMATICS FOR ENGINEERING, INDUSTRY, INNOVATION

Sep. 2022 - Jun. 2025

- Statistics, probability, and stochastic simulations
- Mathematical modeling (ODE, Lorenz system, numerical analysis)
- Fourier analysis and signal theory

Lycée Saint-Louis

Toulouse, France

GENERAL BACCALAUREATE WITH HONOURS

Sep. 2019 - Jul. 2022

- Specializations: Mathematics, Physics-Chemistry, History-Geography, Political Science
- Option: Advanced Math

Skills

Communication

Explain complex concepts with pedagogy, adaptability to the target audience.

Organization and Time Management

Planning tasks and distributing work among groups to meet deadlines. Attention to detail and precision.

Technical Skills

Office suite, Git/GitHub, basics in HTML/CSS

Ada, Python, L^AT_EX, Proficient in Python (Numpy, Matplotlib) and Jupyter Notebook

Languages

French (Mother tongue), English (B1, intermediary), Spanish (A1, beginner)

Miscellaneous

Driving licence, results analysis, team spirit

Interests and Hobbies

IT AND NEW TECHNOLOGIES / GEOGRAPHY AND GEOPOLITICS / CYCLING, HIKING AND OUTDOOR ACTIVITIES