

# MAËL CHAUMETTE

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🌐 GitHub 📁 GitLab 📺 LinkedIn

## EDUCATION

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### National School for Statistic and Data Analysis - ENSAI

2021 - 2024

*Master's degree in Data Science and Data engineering*

*Rennes, France*

- Relevant courses: Deep Learning, Machine Learning, Numerical optimization, Multivariate statistical analysis, Advanced inferential statistics, Probability, Measure theory

### University of Rennes

2021 - 2022

*Bachelor of Science in Mathematics with high honors (7 / 96)*

*Rennes, France*

- Dual curriculum in conjunction with ENSAI studies
- Relevant courses: Complex analysis, Differential equations, Numerical optimization

### Kerichen High School

2018 - 2021

*Post-secondary Preparatory Classes*

*Brest, France*

- University-level courses required in preparation for competitive admissions exams for engineering schools
- Relevant courses:
  - **Mathematics:** Linear algebra, Mathematical analysis, Topology, Probability
  - **Physics:** Electromagnetism, Classical and Quantum mechanism, Thermodynamics

## EXPERIENCE

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### ENS Lyon / Inria - OCKHAM team

Apr. 2024 - Sep. 2024

*End-of-Studies internship*

*Lyon, France*

- Numerical optimization by studying the spectrum of the objective function's Hessian
- Tools & technologies used: Python, Numerical optimization, Random matrix and Measure theory

### National School of Public Health - EHESP

Jun. 2023 - Aug. 2023

*ML internship to predict hospital readmissions*

*Rennes, France*

- Utilisation of Spark to handle massive data
- Tools & technologies used: Python, Scala, Spark, Random Forest, Logistic regression

### Wwoofing

Jul. 2022

- Farm work on an organic farm

*Cork, Ireland*

## ACADEMIC PROJECTS

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### End-of-Studies project, ENSAI

Nov. 2023 - Mar. 2024

*Study of signal interpolation using model-based learning*

- Tools & technologies used: Pytorch, Random Fourier Features

### Second year statistical project, ENSAI

Jan. 2023 - Jun. 2023

*Statistical study of the R MultiPower library*

- Tools & technologies used: R, Random Forest

### Second year IT project, ENSAI

Sep. 2023 - Dec. 2023

*Creation of a puzzle game using Python and SQL*

- API management and creation
- Tools & technologies used: Python, SQL

## TECHNICAL SKILLS AND INTERESTS

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<b>IT Skills</b>	Python, R, Java, Spark, Git
<b>Other skills</b>	Driven licence, Team First AID 2
<b>Languages</b>	French (Native speaker), English (845 TOEIC)
<b>Hobbies</b>	Swimming, Travelling, cinema