

# Gabriel Dahan

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## EDUCATION

### National School for Statistics and Information Analysis, Rennes — *Master of Science in Statistics and Data Science equivalent (Expected)*

August 2025 - NOW

- Accredited by the *Commission des Titres d'Ingénieur (CTI)* ;
- Graduate Engineer's Degree in Statistics and Data Science.

### University of Rennes, Rennes — *Bachelor of Science in Mathematics (Expected)*

September 2025 - NOW

- Major: Mathematics and Interactions ;
- Awarded 180 ECTS credits upon completion (3-year undergraduate degree).

### Undergraduate-level intensive program for competitive entrance exams to French *Grandes écoles*, Paris

September 2023 - July 2025

- Academic Rigor & Time Management: Mastered advanced undergraduate-level mathematics under an intense workload and pace ;
- Resilience & Work Ethic: Thrived in a high-pressure, competitive environment, managing a demanding schedule with continuous assessment.

## WORK EXPERIENCE

### Internship at DSNA: Northern Region Air Traffic Control Centre (CRNA Nord), Athis-Mons — *Intern*

December 2019

- Gained insight into the critical operations of an air traffic controller ;
- Enhanced attention to detail, adherence to strict procedures, and effective communication in a technical environment.

## ACADEMIC PROJECTS

### Two-Year Research Project (TIPE) — Terrain generation using Heightmaps.

September 2023 - July 2025

- Researched and implemented algorithms (Perlin noise and mean filter blurring) to generate realistic heightmaps ;
- Python and OCaml scripts to visualize the impact of different parameters on results.

## SKILLS

IT:

- Python,
- Javascript (NodeJS, Vue.js, Typescript),
- HTML/CSS,
- LaTeX,
- R lang.,
- OCaml

## LANGUAGES

French, *native*

English, *proficient*  
(C1 CEFR)

Spanish, *advanced*

Japanese, *beginner*

## PERSONAL PROJECTS

### COMX

(<https://comx.click/>) —  
Developed a comics reading platform featuring AI-driven translations.

### VaderMap

(<https://vaderm.app/>) —  
Created an open-source collaborative map to discover, log, and monitor the status of street mosaics by the artist Invader.

