## Nathan LEWY

Seeking a 6-month internship in data science

**2**0.01.2004

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in Nathan Lewy

### EDUCATION

# Engineering Degree

Majoring in Mathematics and Data Science:

- Optimization and Estimation
- Signal Processing
- Statistics, Probability, Calculus

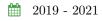
**2023 - 2026** 



Preparatory class (for national exam)

Intensive program in Physics, Technology and Industrial Science Studies £ 2021 - 2023

High School Diploma (Baccalauréat with high honors)



7 Jean-Baptiste Say

#### ABOUT ME

Interests: Music and Hip-Hop culture, Skateboarding

Favorite quote: "Each time I find myself flat on my face, I pick myself up and get back in the race." - Frank Sinatra

#### **SKILLS**

Skills: Mathematics, Data science, Signal processing, Scientific modelling

French

Native

English C1

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Linguaskills Certificate - 2024

German B1 Deutsche Sprachprüfung - 2020

Python, Git, PyTorch, Matlab, LAT<sub>F</sub>X, Ros

### SUCCESSES

- Preparatory Classes, ranked first
- Music Theory Diploma:  $2^{nd}$  cycle,  $3^{rd}$  year

#### **EXPERIENCE**

Project, signal processing, 4 months Detected **emotion in speech** using supervised learning methods such as SVMs and LSTMs, and by training our model on the Data Center (DCE) of the CentraleSupélec Metz campus.

Project, Applied mathematics, 1 year Solved the **invNCS** problem using neural networks. Took place during 2023-2024 at the Mathematics, Computer Science Laboratory, in CentraleSupelec.

Treasurer and Head of Video, 1 year Directed **Financial management**, video production, and equipment inventory of the Independent Radio of CentraleSupélec, a student association. Co-directed the interview of John Cagnol, the project director of the new CentraleSupelec curriculum.