Nathan LEWY

Seeking a 6-month internship in data science

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Nathan Lewy

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EDUCATION

Engineering Degree — Majoring in Mathematics and Data Science:

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

2023 - 2026
Centralesupélec, Paris-Saclay University, top-ranked French university

Preparatory class (for national exam) — Intensive program in Physics, Technology and Industrial Science Studies

2021 - 2023
Jules Ferry, Versailles

High School — Diploma (Baccalauréat with high honors)

2019 - 2021
Jean-Baptiste Say

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.

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   Linguaskills Certificate - 2024

German B1   Deutsche Sprachprfung - 2020

Python, Git, PyTorch, Matlab, LATEX, Ros

SUCCESSES

Preparatory Classes, ranked first

Music Theory Diploma: 2nd cycle, 3rd year