

Nathan LEWY

Seeking a 6-month internship in data science



20.01.2004



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EDUCATION

Engineering Degree	<div>Majoring in Mathematics and Data Science:</div> <ul style="list-style-type: none">• Optimization and Estimation• Signal Processing• Statistics, Probability, Calculus	<div> 2023 - 2026</div> <div> Centralesupélec, Paris-Saclay University, top-ranked French university</div>
Preparatory class (for national exam)	Intensive program in Physics, Technology and Industrial Science Studies	<div> 2021 - 2023</div> <div> Jules Ferry, Versailles</div>
High School	Diploma (Baccalauréat with high honors)	<div> 2019 - 2021</div> <div> Jean-Baptiste Say</div>

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 CentraleSupélec.
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 CentraleSupélec 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 Sprachprüfung - 2020

Python, Git, PyTorch, Matlab, L^AT_EX, Ros

SUCCESES

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