

Nathan

LEWY

Seeking a 6-month internship in data science

20.01.2004

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Nathan Lewy

Paris, France

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## EDUCATION

Engineering  
Degree

Majoring in Mathematics  
and Data Science:

Optimization and  
Estimation

Signal Processing

Statistics, Prob-  
ability, Calculus

2023 - 2026

Centralesupélec,  
Paris-Saclay  
University,  
top-ranked  
French uni-  
versity

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 pro-  
cessing, 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  
mathemat-  
ics, 1 year

Solved the invNCS problem using neural net-  
works. Took place during 2023-2024 at the Math-  
ematics, Computer Science Laboratory, in Cen-  
traleSupélec.

Treasurer  
and Head  
of Video, 1  
year

Directed Financial management, video produc-  
tion, and equipment inventory of the Indepen-  
dent Radio of CentraleSupélec, a student associ-  
ation. 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,  
LATEX, Ros

## SUCCESSES

Preparatory Classes,  
ranked first

Music Theory Diploma:  
2nd cycle, 3rd year