



CONTACT

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- Driving Licence

LANGUAGES

French	Native
English (CEFR C1)	Advanced
Italian, German	Notions

SKILLS

Project management	
Python, LaTeX, Office	4+ yrs
Matlab, C	1+ yrs
HTML, CSS, PHP	-1 yr
Fusion 360	2+ yrs

INTERESTS

- Ice Hockey (12 years)
- Programming
- 3D Printing
- Handiwork : manufacturing of remote-controlled boats, prototype wave buoy, installation of photovoltaic panels

NILS MALMBERG

MSc. student in Nuclear Engineering

Grenoble INP - PHELMMA | Politecnico Di Milano

PROFILE

Looking for a final year internship starting in September 2024.

Currently enrolled as a double degree student, I'm pursuing a Master 2 in Nuclear Engineering at Grenoble INP - PHELMMA and Politecnico Di Milano. My academic background has given me solid skills in physics, programming and experimental methods.

EDUCATION

MSc. in Nuclear Engineering **2023 - ongoing**
Politecnico Di Milano (Milan, Italy)

Neutronics, multiphase systems, CFD, thermomechanical analysis and effects of irradiation, reliability and safety, space propulsion, C++.

MSc. in Nuclear Engineering **2021 - ongoing**
Grenoble INP - PHELMMA (France)

Nuclear physics, neutronics, thermohydraulics, quantum physics, materials, electronics, semiconductors, C, Matlab...

A two-year university intensive course **2019 - 2021**
High School Clémenceau & Roosevelt, Reims (France)

Mathematics, physics, chemistry, Python, engineering sciences
Major - PSI* : math, physics, Python & school entrance exam
Minor - MPSI : math, physics, chemistry, Python

WORK EXPERIENCE

Internship (3.5 months) **May 23 - Sept 23**
CEA - SERMA/LTSD, Saclay (France)

Evaluation of uncertainties on a sub-critical configuration with the TRIPOLI-4[®] Monte-Carlo code.

Study of statistical distributions and construction of confidence intervals on the multiplication factor. Skills: Statistical inference, Monte-Carlo simulations, Python/C++.

Vice-Treasurer **Apr 22 - Apr 23**
PHELMMA Arts Office, Grenoble (France)

Vice-treasurer of a student association whose aim is to organize cultural and artistic events.

Financial management, team management, administrative procedures...

Internship - versatile worker (7 weeks) **Jun 22 - Jul 22**
Technocoat OPTITEC, Chassieu (France)

Internship as a blue-collar worker as part of the first year training in engineering school.

Line work, preparation of parts before processing, team work...