



## PERSONAL INFORMATION

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France

## SOFTWARE

- **Programming languages** Python, C, C++, Matlab.
- **Microsoft Office** PowerPoint, Word, Excel.
- **3D modeling program** SolidWorks.

## LANGUAGES

**English :** good written and spoken

**German:** good understanding

## PERSONAL QUALITIES

- Like leadership
- Know how to work in teams
- Motivated
- Patient

## INTERESTS

- Table tennis
- Running
- Skiing
- Rugby
- Trips

# LEFORT Albéric, 24

## EDUCATION :

**2020-to present:** Last year at ENSTA Paris in parallel with the master AMS(Analysis, Modelling, Simulation) at Université-Paris-Saclay. Courses on Partial Differential Equations, Periodic/Stochastic Homogenization, etc...

**2020-2021:** Gap year, with two 5-month interships.

**2018-2020:** ENSTA Paris, Ecole Nationale Supérieure des Techniques Avancées. Specialization in applied mathematics. Mathematics skills : Scientific Computing, Analysis, Numerical analysis, Optimisation.

**2017-2018:** "Classes préparatoires aux Grandes Ecoles", in physics and engineering sciences, Lycée Le Parc, Lyon.

**2015-2017:** "Classes préparatoires aux Grandes Ecoles", in physics and engineering sciences, Lycée La Martinière Montplaisir, Lyon.

## WORK EXPERIENCE :

**2021 (5 month):** Internship at CEA. Study of T-coercivity for the Stokes equation supervised by Erell Jamelot and Patrick Ciarlet. Proof of T-coercivity for the Crouzeix-Raviart elements.

*Apply theoretical knowledge.*

**2020 (5 month):** Internship at RTE. Development of an intranet application in order to take into account a weather model for electricity transmission.

*Take initiatives.*

*Develop teamwork.*

**2019 (10 weeks):** Research internship at INRIA to model and develop accurate and efficient simulations of fluid droplets bouncing on a vibrating bath.

*Work autonomously, from home.*

## ACADEMIC PROJECTS :

**Mathematics competition :** Ranked 2nd out of 30,000 candidates, at Kangourou des Maths, a national mathematics competition.

**Physicists' Tournament :** Ranked First at the French Physicists' Tournament in 2020 with the ENSTA team. Qualified for the International Physicists' Tournament.

*Conduct researches on open problems.*

*Teamwork.*

**Board of students :** Member of the Board of students at ENSTA Paris in charge of communication with Education Management. Organization of blood donations at ENSTA.

*Conduct long-term projects.*