



# Jean-Baptiste DES MOUTIS

2<sup>nd</sup> year student at the École des Mines de Paris looking for a 6-months internship abroad in the field of logistics starting mid-May

## CONTACT

- +33 7 82 29 11 21
- jean-baptiste.des\_moutis@etu.minesparis.psl.eu
- Paris, France
- Jean-Baptiste des Moutis

## LANGUAGES

- French:** Native
- English:** Fluent (level C1)
- Spanish:** Working knowledge

## ASSOCIATIVE INVOLVEMENT

- Treasurer of the Arts Office (12k€ budget)
- Volunteer mathematics tutor in preparatory class PCSI
- Organization of the school gala
- Editor of the school's student newspaper

## HARD SKILLS

- Good mastery of Python
- Notions of C++, C# and HTML
- Applied mathematics
- Applied physics

## HOBBIES

- Squash, rugby in competition
- Music (trumpet, trombone and transverse flute)

## EDUCATION

### Engineer school

*Mines Paris PSL* | 2022-2026

- Main courses: Optimization, Mathematics, Informatics

### Two-year intensive program preparing for the national competitive exam for entry to engineering schools

*Lycée privé Sainte Geneviève, Versailles* | 2020-2022

## PROFESSIONAL EXPERIENCE

### Research quarter on heat networks

*Mines Paris PSL* | 2023 (3 months)

- Creation of a Python interface for Dymola software.
- Modeling of a District Heat Network.

### Engineering and virtual reality project

*Collaboration Mines Paris PSL- Château de Versailles* | 2023 (3 months)

- Programming an interactive visit for quadriplegic people.
- Learning of C#.

### Worker internship

*SYSNAV, Vernon* | 2023 (1 month)

- Packaging products following a precise operating procedure.
- Assembly of electronic parts.

### Informatic project

*Collaboration Mines Paris PSL-FRAMATOME* | 2023 (3 months)

- Modeling of a thermal shock in a reactor cooling circuit by finite element calculation.
- Creation of a program and of a documentation allowing this modeling.

### Engineering project

*Collaboration Mines Paris PSL-ORANO* | 2022 (1 month)

- Study of the technical and ecological feasibility of an uranium exploitation.
- Profitability analysis of the operation.

## VOLUNTEER EXPERIENCE

### Scout leader

*Scouts Unitaire de France, Versailles* | 2022-2024 (2 years)

- Supervision of 32 young people over a weekend.
- Preparation of a 3-weeks camp.