# Alexandre Paresy

2nd year student at Ecole Polytechnique

alexandreparesy.pro@gmail.com
+33 6 26 26 84 93
aparesy.github.io

Currently studying computer science and mathematics at Ecole Polytechnique. Main interests include problem solving, machine learning and algorithms through the lens of competitive programming. Motivated, creative and driven by curiosity. Currently looking for a software engineer internship for the Summer of 2026.

## EDUCATION

**Ecole Polytechnique, Polytechnician engineer program**  Palaiseau, France
*Master's degree in France's flagship university in science and engineering*  *Sept. 2024 – Jul. 2027*

- **Relevant courses**: OOP in Java, Advanced programming in C++, Data analysis in Python, Formal logic, holomorphic functions, Statistics, Functional analysis
- **Current GPA (as of September 2025)**: 3.97/4

**Preparatory class for Grandes Écoles**  Lycée Louis-le-Grand, Paris, France
*2-year preparation for the Grandes Écoles competitive exams.*  *Sept. 2022 – Jul. 2024*

- Chose the MPI track, which is the most advanced track in computer science
- Studied C, OCaml, SQL, concurrent computing, functional programming, linear algebra, differential equations, Quantum mechanics, electronics
- Admitted into the most selective engineering school through the X-ENS exam, ranked 15/408. Also passed the CCMP exam, ranked 15/868

**Lycée du Parc**  Lyon, France
*Baccalaureate diploma (high honors)*  *Sept. 2019 – Jul. 2022*

- Participated in the math club and trained for several contests such as 11th grade olympiads (ranked in the top 10 students from the 2nd largest region) or the Animaths Cup (top 50 in France)
- Obtained my high school diploma at the age of 15

## EXPERIENCE

**French Navy**  Toulon, France
*École Polytechnique's military internship*  *Sept. 2024 – Apr. 2025*

- Served in the French Navy for 6 months as a cadet officer
- Developed soft skills such as leadership, communication and adaptability

**Volunteer for iPho 2025 organization**  Paris
*Served as team guide for the Singapore team and helped organize the iPho 2025*  *July 2025*

## INTERESTS AND SKILLS

- **Competitive programming :** Qualified to the 2025 finals in Prologin, France's most famous programming competition open to everyone under 21, thus ranking in the top 100 among thousands of participants. Also enrolled in the Ecole Polytechnqiue ICPC preparation in 2025.

- **Problem solving :** Particiated in the 2021 and 2022 edition of the French Mathematical Kangaroo, a fast-paced problem solving test, and ranked 54/1388 and 6/1704 respectively.

- **Music :** Played violin for 10 years. Currently playing in the Saclay orchestra.

- **Sports :** Badminton, running

- **Languages :** French (fluent), English and Chinese (proficient), German (notions).

- **Programming languages**: C, C++, C#, CSS, HTML, Java, Javascript, OCaml, PHP, SQL

- **Programming tools and miscellanous**: Git, Linux , Unity, Docker, Jupyter Notebook