






VICTOR BARILLY




Second-to-last year university student

 GitHub link  LinkedIn link





Personal information

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Toulouse - France

Technical skills

 Matlab, Python, C++, C, Bash, Java, Ada
 \LaTeX , HTML, CSS, Svelte
 Linux, Windows

Spoken languages

 French (native)
 English (fluent)
 German (beginner)
 Japanese (beginner)

Training courses and certifications



University Degree, Planetology - Paris Observatory (Lumières sur l'univers)



NASA Applied Remote Sensing (ARSET) training





Space MOOC, Space Ambassadors Training



ECSS M-branch: Space Project Management (2023)

Other diplomas and abilities

 Driving license (French "PERMIS B")
 French Scientific Baccalaureate
- Very good mention
- European English section

EDUCATION

ENSEEIH Engineering School (Numerical Sciences Department - SN)

ENSEEIH, TOULOUSE SEPTEMBER 2023 – JULY 2026

- Engineering school after 3 years of scientific preparatory classes in Mathematics and Physics (eligible for Mines-Ponts, CCINP, Centrale).
- Engineering school focused on applied mathematics and computer science.
- GPA (4.0-scale): 3.59

Paris Observatory - PSL (Lumières sur l'Univers University Diploma)

PARIS OBSERVATORY, PARIS SEPTEMBER 2024 – SEPTEMBER 2025

- Planetary Sciences specialization (master 1 level).
- Planetology, from the solar system to exoplanets, habitability and planet formation, thermal structures and atmospheric dynamics.

The University Centre in Svalbard - UNIS (Arctic Technology Master courses)

UNIS, LONGYEARBYEN JANUARY 2025 – JUNE 2025

- Exchange with the world's most northerly higher education institution, located in Longyearbyen at 78° north latitude.
- Mechanical and thermal study of frozen ground, mechanics and physics of sea ice, remote sensing, navigation, excursions, survival and safety courses.

AREAS OF INTEREST

President of the Toulouse Student Space Research Association (ASTRE)

MAY 2024 – MAY 2025

- Space association of students from INSA, ENSEEIH, ENAC, Université Toulouse III and ISAE-SUPAERO, with projects such as a 3U CubeSat for gravitational measurements via the Iridium constellation, a sounding balloon for atmospheric study, a ground station and an experimental rocket for C'Space competition.
- Supervision and organization of projects, events and liaising with companies, schools, and other associations.

Academy and algorithmic

- Also president of 7uring, the section of the ENSEEIH computer science association, which trains its algorithmic skills.
- Organization of training sessions for SWERC, the European algorithmic competition in which I took part in January 2024.

Hobbies and projects

- Astronomy, excursions and exploration in nature, photography.
- Music composition on software.
- Programs development such as a heat transfer simulation for astronaut suits and a tool for visualising satellite data from space missions.

PROFESSIONAL EXPERIENCE

Caro Foresta Motohakone Lucia hotel Hakone, Japan

JULY 2024 – AUGUST 2024

- First year internship in a hotel in Japan.
- Japanese courses taken in a university in Tokyo.
- New cultures discovery and multilingual communication skills enhancing.