

Martin ACCOU

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21 years old - driving license



ISAE-SUPAERO Engineering student

Education

- 2020-2024 **Master of Science**, ISAE-SUPAERO, Toulouse, France.
- 1st and 2nd year : general engineering courses in mechanics, thermodynamics, applied mathematics, physics and computer science.
 - Elective courses : mathematics for space applications, general relativity and cosmology, geophysical flows.
- 2022 **Semester Erasmus+**, Politecnico di Milano, Milan, Italy.
- Courses : space physics, aeroacoustics, multibody system dynamics, combustion in thermochemical propulsion, hypermedia applications.
- 2018-2020 **Preparatory classes**, Lycée Sainte-Geneviève, Versailles, France.
- MPSI/MP: two-year undergraduate intensive course in mathematics and physics.
- 2018 **Baccalauréat with major in science**, Lycée La Malassise, Longuenesse, France.

Work experience

- 2022, 6 months **Internship in digital simulation**, DGA Techniques aéronautiques, Balma, France.
- Learning new skills in digital simulation by working on LS-DYNA.
 - Study of parachutes during a cargo dropping.
- 2021, 2 months **Aeronautical maintenance technician**, 9^{ème} régiment de soutien aéromobile de l'armée de Terre, Montauban, France.
- Discovery of the status of worker and the environment of Defence.
 - Direct handling of army helicopters (EC665 Tigre and AS532 Cougar).
 - Introduction to safety regulations and aeronautical certification.
- 2019 and 2020 **Summer jobs**, Centre hospitalier région de Saint-Omer, Helfaut, France.
- Work in catering : dishwashing and preparation of the meal trays.
 - Stretcher-bearer within the hospital.

Skills

- Programming C, Java, Python, MATLAB, HTML/CSS, JavaScript, Nuxt.js, \LaTeX .
- Softwares Office, CATIA, Patran, Nastran, Adams, LS-DYNA, MBDyn, SU2.
- Languages French (native), English (C1, TOEFL iBT : 102/120), Spanish (B1), Italian (A2).
- Soft skills Autonomous, thorough, curious, enterprising.

Interests

- Hobbies Cybersecurity (CTF), geopolitics, aerospace.
- Sports Running (marathon), cycling, soccer (10 years in club).
- Associative Creator of the RAID trails and race chief for 2 years. The RAID ISAE is an event including mountain bike, trail running and canoe with more than 500 competitors.