

Martin ACCOU

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22 years old - driving license



Engineering student, major in Data science and Big Data

Education

- 2020-2024 **Master of Science, ISAE-SUPAERO (top 5)**, Toulouse, France.
○ 1st and 2nd year : general engineering courses in mechanics, thermodynamics, applied mathematics, physics and computer science.
- 2022 **Semester Erasmus+**, *Politecnico di Milano*, Milan, Italy.
○ Courses : Hypermedia applications, space physics, aeroacoustics, multibody system dynamics, combustion in thermochemical propulsion.
- 2018-2020 **Preparatory classes**, *Lycée Sainte-Geneviève (top 3)*, 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.