

NATHAN FOURNIER

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EDUCATION

Sep 2023 — Now	Stanford University Master of Science – Astronautics and Aeronautics Department	Palo Alto, CA
Sep 2021 — Now	CentraleSupélec – Université Paris-Saclay • Master's level engineering school • Relevant coursework : Fluids; Guidance, Navigation, Dynamics and Control; Thermodynamics	Paris, FR
Sep 2019 — Jul 2021	Preparatory class, Lycée du Parc Two-year undergraduate intensive course to prepare for competitive entry exams to French engineering schools, major in mathematics and physics	Lyon, FR
Sep 2016 — Jul 2019	Baccalauréat in Sciences, Lycée de Provence Graduated With Highest Honors	Marseille
Sep 2018 — Jul 2019	Formation in Medicine, Supexam	Marseille

EXPERIENCE

Dec 2021 — Now	Systems Engineer, Head of ADCS* Division – CentraleSupélec's Space Center • Managed a team of 40+ people and monitored the TOUTATIS project (satellite project to study atmospheric re-entry, in cooperation with Thalès Alénia Space and French National Center for Spatial Studies) • Successfully developed a satellite stabilization algorithm *Attitude Determination and Control System	Paris
Sep 2022 — Now	Volunteer Teaching Assistant – CentraleSupélec's Mathematics Department • Trained and supported a dozen graduate students, adopted an approach for foreign students • Concepts covered : Convergence, Integration and Probabilites; Partial Derivative Equations	Paris
Dec 2021 — Now	Treasurer – CentraleSupélec's Student Council • Managed the budget (400k+ euros) and accounting of the organization and its 40+ clubs • Supervised the organization of events and managed the 29 members of the office	Paris
Sep 2021 — Jul 2022	Prospector – CentraleSupélec • Set up a prospecting process for the apprenticeship tax within a team	Paris

EXTRA-CURRICULAR ACTIVITIES

Sep 2021 — Now	Private Math Teacher • Trained and supported several high school and undergraduate students	Marseille and Online
Jan 2018 — Dec 2018	Volunteer – Order of Malta, French Food Bank • Implemented of a collection strategy and process to improve food sorting	Marseille

SKILLS

IT : Office, Python,	Project Management
Matlab, CATIA,	Adaptability and Fast Learner
OCaml, SQL, Git, Bash	Fluids, Guidance and Control

LANGUAGES

French	Native language	Spanish	Working knowledge
English	Fluent (TOEFL iBT : 112/120)		

HOBBIES

- Piano (self-taught)
- Sailboard (level 4/5 according to French Sailing Federation)
- Volleyball (amateur level)