François CARDINAUD

Education

2017–2019 **Master of Engineering** *Sorbonne Université*, Paris
Mechanical Engineering Master's degree in Computational Mechanics, with focus on numerical simulation of fluid and solid mechanics. Part of CMI program, a selective and demanding 5-year program for Engineering students

2014–2017 **Bachelor of Engineering** *Université Pierre et Marie Curie*, Paris
Mechanical engineering bachelor degree with secondary specialization in Electrical Engineering. Part of CMI program

2011–2014 **French Baccalauréat - International Option** *Lycée François Magendie*, Bordeaux
Highest Honors, Scientific Studies, American International Section (OIB) – strong scientific specialization, with complementary studies in humanities and anglophone literature

International experience

Mar.–Aug. 2019 **End of studies internship** *CERTH*, Athens, Greece
Internship carried out in CERTH (Center for Research and Technology - Hellas), the largest research center in Greece, research project in numerical fluid dynamics on the optimisation of CFB reactors. Discovery of the professional world within a prolonged international experience, intercultural communication, new career skills

Feb.–Jul. 2018 **Student exchange program** *La Sapienza University*, Rome
Exchange semester in Italy, as a part of 1st year of Master's degree. Focus on Aerospace Engineering – Aeroelasticity – Computational Fluid Dynamics

Feb.–Jun. 2017 **Student exchange program** *National Taiwan University*, Taipei
Exchange semester in Taiwan, as a part of my 3rd and final year of Bachelor's degree in mechanical engineering

Professional and volunteering experience

2018-2019 **Professional translator** *Self-employed*, Bordeaux
Translated various texts (academic, medical, technical, etc.) for private clients, as well as on online platforms such as Gengo, Textmaster, or One HourTranslation. Specialization in technical texts thanks to academic and professional experience in engineering and science.

2018-2019 **E-commerce** *Self-employed*, Bordeaux
Launched various online businesses as a freelancer. Digital marketing, created websites, worked with various suppliers.

2018-2019 **Communication volunteer** *Erasmus Student Network*, Paris
Internal and external communication for ESN, visual, written, and oral communication. Event organization for international students

2018-2019 **Volunteer** *ActionFroid*, Paris
Weekly volunteering in poverty alleviation NGO. Main mission is distribution of food, clothing, and other necessities to homeless people, done by driving around neighborhoods of Paris and offering help and social interaction to people in need. Funds, food, and necessities gathered through donations from sporting goods companies and other industrial sponsors

2017-2019 **Elected student representative** *Academic training and University life Commission - Sorbonne Université*, Paris
Elected at university council. Representation of students and of their training and university life interests, communication with university officials, biyearly campaigning for local and national university elections

Summer 2016 **Advertising Assistant** *Bordeaux Walking Tours*, Bordeaux
Promoted for the company to potential clients, tourist offices, and hotels

Sept. 2015–Sept. 2016 **Orientation Facilitator** *UPMC*, Paris
Helped new students, represented school at college fairs, met the public, provided information to prospective students, participated in organizing events, worked in teams

May–Jul. 2015 **Intern** *THALES Systèmes Aéroportés*, Pessac
Updated database, facilitated logistics, increased productivity — oral and written communication skills, adaptability to new situations

Summer 2014 **Supermarket stock clerk** *Intermarché*, Bordeaux
Practical experience and knowledge acquisition, product unpacking, stock control and logistics

Skills

Bilingual English (US), French
Intermediate German, Italian
Basic Mandarin, Greek, Spanish
Computer CATIA, MATLAB, LaTeX, C, Python, Excel, Photoshop, After Effects, ANSYS Fluent
Certifications PSC1 (Advanced First Aid), PADI Open Water, European driving licence