

Xavier Schaefer

Xavierschaefer4@gmail.com

Web Site xavier-schaefer.com

+33 6 19 60 42 20

105 allée de la Dijoula

73 100 Grésy-sur-Aix

FRANCE

French and German



Education

BETC Mechanics and Production (Mulhouse, France)

2020->2023

Trinational mechanics formation (Germany, Swiss, France)

2019-2020

BETC mechatronics in sandwich course with the research institute of Saint Louis (ISL)

Skills

- Master CAD software (Fusion 360 – Creo – SolidWorks)
- Programming (C++/C – HTML/CSS – Python – Matlab)
- Design and build basic electronic circuits
- Use production methods (conventional lathe and milling machine, 3D printing and laser cutting)
- Handle office tools (Word – Powerpoint – Excel)
- Adapt to different culture and environments

Working Experience

ISL – Saint-Louis French and German research institute

Position: Mechatronics apprentice

- Participation in the design of a projectile guided by a star wheel (programming and mechanical design)
- Finalization of a rotating test bench, used to test the deployment of the canards of a projectile
- Work in collaboration with other employees and divisions

Language

French – Mother language

German – Mother language - level B2

English – Oral level C1 - Written level B1 (Cambridge Certificate)

Interests

Practical work

- Design from scratch and manufacture of a CO2 Laser cutter. (The goal is to expand my workshop tools as well as learn to use new technologies)
- Design and manufacture of autonomous machines (cocktail machine that pours the perfect proportions and cools the cocktail to the right temperature).
- Model making: design and manufacture of flying, rolling or floating devices (aircraft, drones, tanks, boats and rockets).

Sports

Ski (competition) – Touring Ski – Cycling

Music

Drums