



Léo ZUMKELLER

✉ zumk.leo@gmail.com



🚗 Clean Driving License

Languages

- French : native speaker
- English : proficient
 - TOEIC C1
 - Linguaskill C1+ (Cambridge University)
- German : lower intermediate
- Japanese : basic knowledge

Personal interests

- Personal projects :
 - CAD
 - CAM
 - 3D printing
 - Electronics
 - LASER cutting
 - Metal casting
- Drones
- Painting miniatures
- Orchestra (for 8 years)

Engineering student

Specialized in mechanical engineer and passionate about design, I am proficient in CAD, FAE, as well as in additive and traditional manufacturing processes.

EDUCATION

September 2022 to date

Third-year engineering student at SupMicroTech-ENSM in Besançon, France, preparing for a Master's degree with a specific focus on **micro-mechanical engineering**.

Project manager for the final-year project : **Designing and creating** a micro-picking suction device for the manual handling of micro-components.

Relevant courses : micro-engineering, CAD, CAM, FEA, material properties, structural analysis, management

President of the school's Badminton association

July 2022

BTEC Higher National Diploma in Mechanical Production Engineering delivered by the Technological Institute of the University of Mulhouse, France

Relevant courses : CAD, machining, CAM, automation, material properties, structural analysis

WORK EXPERIENCE

April 2022 - August 2022

Intern + Temporary worker at Constellium

A global leader in the development, manufacturing, and recycling of aluminium products and solutions in Biesheim, France

Created standardized files for maintenance training courses according to company requirements. Discussed with the line managers to define their needs and implemented solutions to help them.

SKILLS

- Design and model mechanical systems following industrial constraints (Creo, SolidWorks)
- Perform finite element and vibratory analysis (Ansys Workbench, Creo Simulate)
- Program and simulate machining with CAM software (HSMWorks, Esprit)
- Design and prepare parts for FDM and resin 3D printing (Creo, ideaMaker, Orcaslicer)
- Develop machining processes for CNC and conventional machining
- Organize and plan technical projects, ensuring deadlines and constraints are met
- Coordinate and collaborate with multidisciplinary teams
- Write technical reports and present results to stakeholders