

Baptiste Caillé

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SUMMARY

Currently, at the beginning of my studies, I am looking for next experiences, after working for prototyping, special machine, and start-up. I am mobile, motivated, and available.

EDUCATION

- **Ecole nationale d'Ingénieurs de Saint-Etienne** Saint-Etienne, France
Engineering Degree - Mechanical Engineering September 2020 - September 2023
Courses: Mechanical Engineering, Specialisation in Design and Simulation
- **Facultad de Ingeniería UNCuyo** Mendoza, Argentina
Academic exchange semester - Industrial Engineering March 2022 - August 2022
Courses: Operative research, Modern techniques and tools, Information systems, Industrial equipment and installations
- **Université Savoie Mont Blanc** Annecy, France
DUT (two-year university degree) - Mechanical Engineering September 2018 - July 2020
Courses: mathematics, physics, manufacturing and management, design, and mechanical engineering

EXPERIENCE

- **University of Portsmouth** Internship
Research Intern September 2021 - December 2021
 - **Research intern:** Redesign study of a bottle support used in the bottle washing process, from a model optimised for plastic injection to a model optimised for additive manufacturing.
 - **Keywords:** Additive Manufacturing, Topology Optimisation, Design for Additive Manufacturing, Erasmus, Portsmouth University, International internship, Finite element analysis, Lattice optimization
- **AQ-Tech** Internship/Temporary
Research Development Intern May 2020 - August 2020
 - **Intern job:** Development of a gas generator for an air-bag vest. Development of a case for the agricultural industry, with various sensors and AI solution research for the sports equipment industry. Prototyping and production of POC Industrialization of hearing devices.
 - **Keywords:** Additive Manufacturing, Design for Additive Manufacturing, Sport, Industry

SKILL

- **Company Skill**
 - **Good command of CAD Software:** Solidworks, Ansys
 - **Regular user of Office Software:** Word, Excel, Powerpoint, Publisher, Project
 - **Relevant in piloting a project in design innovation, and leading and motivating its working team:** management of human resources
 - **Manage a budget, anticipate, and solve problems, and know how to make decision in an emergency:** management in crisis situation
 - **Collect, synthesize, and transmit numerous information:** management of information and data
 - **Work with the adequate rigor and precision:** management of resource
- **Foreign Language**
 - **French:** native
 - **Chinese:** basic notions
 - **Spanish:** basic working knowledge
 - **English:** advance working knowledge
- **Other**
 - **First aid certificate:** PSC1: prevention and civil rescue Level 1, basic training of 1st aid techniques
 - **BIA:** aeronautics: initiation certificate
 - **Full valid driving license:** cars and motorbikes

INTEREST

- **Sporty:** active participation in a badminton team for the past 8 years: badminton at competitive level, referee
- **Outdoor:** regularly practicing ski, hiking, and trail
- **DIY:** currently working on my own projects: motorbike restoration, car mechanics, and product fabrication
- **Travel:** love cooking and music, these are my purpose to move out
- **Association:** Active member of a humanitarian association