

ELLIOTT SUDOUR

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Authorized to work in US (US and French citizenships)

MECHANICAL ENGINEER

SUMMARY

Master's graduate in Mechanical Engineering with a strong interest in project management and team coordination, seeking engineering roles focused on client interaction and commercial activities. Open to positions like Technical Sales Engineer. Actively looking for opportunities in Chicago.

EDUCATION

Engineer Master Degree 09/2021 - 06/2024

INSA Lyon, France - Mechanical Engineering Department

- Mechanical Design, Materials Sciences, Project Management, Fluids Mechanics
- 1 year of specification (Biomechanics, environmental and luxury engineering)

Exchange Program (Santiago de Chile) 07/2022 - 12/2022

Universidad de Chile

- Biomechanics, Heat Transfer, Manufacturing Processes, Mechanical Design
- All classes in Spanish

Undergraduate Engineering common-core syllabus 09/2019 - 06/2021

INSA Lyon, International Section

- All classes in English

INTERNSHIPS

Project Manager for COFRAC ISO accreditation 03/2024 - 06/2024

Trescal - INSA Lyon

- Project Manager for the implementation of tools and processes for COFRAC ISO 17025 accreditation in 3D inspection at a metrology laboratory

Final internship - Grand Paris Express railway project 08/2023 - 02/2024

TSO Caténares (NGE)

- Supervision of the installation of the catenary's mechanical components
- Assistant Quality Manager for the project, cost estimation and compliance checks

PROJECTS

Designing a biomechanical device 2024

- Project Manager for the development of a device to determine the mechanical properties of an Alzheimer's brain. (CAD, 3D printing, stiffness analysis)

Formula Student Competition - Designing Aerodynamic package 2023

- Redesign a Formula 1 model created by students to reduce the drag force
- Design a wing and conduct its CFD (Computational Fluid Dynamics) study

Participating to a collective project for the Paris Olympic Games 2022

- Reduce the mechanical energy losses on a rowing skiff by improving the sliding seat and the oarlock designs (within the "Sciences 2024" contest)

KEY SKILLS

- Project Planning, Execution
- Management and cohesion
- **Softwares** : SolidWorks, SolidEdge, Matlab, Abaqus, Pack Office, Procreate

INTERESTS

- Trekking
- Latin American cultures
- Drawing, painting
- Navigation (boating licence)
- Cooking

LANGUAGES

- **French** : Native
- **English** : Bilingual proficiency
- **Spanish** : Full professional proficiency