



LUCAS JOURDET

Contact

Île de France
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Skills

- Programming (C#/C++ basics, Python, TensorFlow)
- Modeling : SolidWorks, Ansys
- Engineering & prototyping : 3D printing, fast prototyping, Arduino/ESP32, hardware and software integration
- Research & analysis : experimental design and scientific writing

Languages

- English: B2 TOEFL ITP
- Japanese : bilingual
- French : native

Interests

- Sports (competitive judo: National Cadet 1D Championship)
- Humanitarian (Aider Donner Agir association)

Experiences

Intern – Biomedical Department | Hôpital Ambroise-Paré Hartmann - Neilly Sur Seine Île de France - April to August 2025

- Collaborated with clinicians and engineers in a multidisciplinary environment
- Exposure to surgical and medical technologies

Volunteer at The Paris 2024 Olympic Games

Airport reception agent at CDG Airport | July–August 2024

- Reception of delegations, VIPs, and NOCs
- Obtaining their accreditations
- Taxi logistics management

Research and Projects

Bioprinting project (in progress, 2025)

- Modification of a 3D printer for bacterial deposition on agar plates and bio-assembly
- Research paper (in progress, 2025)**
- Characterization of mechanical and thermal properties of mycelium composites in repeated thermal cycle

Education and Degrees

Double Degree Ingeneering/Management

Pôle Universitaire Léonard Devinci, La Défense (92400) | 2021 - 2026

- Creative Technology major
- Semester abroad at the University of Vic (UVic) in Spain

Judo Black Belt | 2019

DesignThinker Degree | 2021