MAXIMILIEN MENESGUEN

Currently pursuing a double Master's degree in Creative Technology at ESILV and a Master of Science, I am seeking a 6-month internship starting in February 2025.

Motivated engineering student with a background in mechatronics, focused on drone simulation and robotic control systems, with a strong interest in high-tech automation and sensor technologies.

Age
22 years old

E-mail
maximilien.menesguen@gmail.com

Phone
+33688340736

Address
6, rue de seine Paris France

Languages
French (Native)
English (Fluent)

Driver's License
B

SKILLS

  Python / Pytorch

  C# / Unity / C Arduino

  SolidWorks

  Js code / html / css

  Electronic prototyping / Kicad circuit board

INTERESTS

- Building, programming, and racing DIY FPV drones.
- Building and repairing gas-powered miniature cars.
- Passionate about cultural travel.

EDUCATION

- **2021 - 2025**

Double Degree: Creative Technology and Master of Science
ESILV │ Paris La Défense
Education focused on technological creation and innovation, combining advanced scientific knowledge with project management skills for the research and development of new products. **Courses**: Computer Science (Python, Arduino), Design, AI, Management, Web Design.
Soft skills: Stress Management, Team Collaboration, Public Speaking.

- **2019 - 2021**

Preparatory Class PTSI / PT
Lycée Jules Ferry │ Versailles

- **2019**

Scientific Baccalaureate
École Alsacienne │ Paris 6

PROJECTS

Drone Swarm Sontrol
- Master's Thesis Project: Development of a 3D digital twin of a Crazyflie drone swarm for advanced research on control dynamics and collective behaviors using boids algorithms.

Pytorch
- Creation and implementation of a Micro GPT through a WebApp.
- Creation and implementation of an image classifier on a WebApp

Arduino
- Design and control of a drone via WIFI using an ESP32.

PROFESSIONAL EXPERIENCES

- **2024**

Internship at PelicanCycles Paris: Development of an automated stock management application, sales tracking, and customer service. Web Design, project management, SQL, management.

- **2023**

Kickstarter crowdfunding project (Key Starter): team project management, design, business.

- **2018**

Summer program at Brown University: Design & Engineering Section - Courses in Arduino programming, SolidWorks.

- **2017**

Internship at FaberNovel Paris: Design and virtual reality, use of 3D printing, and Computer-Aided Design (SolidWorks).

- **2016**

Internship at FabLab ICI Montreuil: Design and production using laser cutting and 3D printing.