# Basile Maille Master of Science Student

I am pursuing a Master of Science and a Master's degree in Creative Technology, a cross-disciplinary program designed to simultaneously develop scientific, design, and business skills. I am looking for an internship lasting at least 6 months, from February 3rd to August 29th 2025

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# **SKILLS**

#### **PROGRAMMING**

- Python (Certified): APIs, OOP, Packages.
- Javascript (Node.js, Typescript, React.js, Next.js)
- PHP (Symfony, Laravel, Wordpress)
- Databases (SQL, MongoDB, GraphQL, NoSQL)

## **MACHINE LEARNING & AI**

- Deep Learning techniques : MLP, Convolution, Transformers, KANs.
- Prompt Engineering (CoT, 0/Few-shot learning, etc..).
- Frameworks & Libraries: Pytorch, ONNX.js

## **DEV/MLOPS**

- Devops tools: Kubernetes, Docker, Terraform, Git
- MLOps tools: MLFlow, Airflow, Nuclio, Streamlit, Dash, Flask.

#### **UI/UX DESIGN & PROTOTYPING**

- Adobe Suite (Photoshop, Ilustrator, Premiere Pro, XD), Figma.
- **Design Thinking (Certified)**

# **SOFT SKILLS**

- Effective communicator
- Versatile and quick learner
- Team player

#### **LANGUAGES**

- French: Native speaker
- English: Fluent (C1 TOEFL certified)
- Spanish: Basic notions (A2 HighSschool)

#### **HOBBIES**

- **Tennis**
- **Piano**
- Drawing

# **EDUCATION**

Master Creative Technology

2023 - 2025

## **Institute for Future Technologies** | La Défense, France

Master of Science (MsC)

Engineering Manufacturing Electronics

**Bachelor Coding & Digital Innovation** 

2020 - 2023

## IIM Digital School | La Défense, France

Chief of Digital Project - RNCP Level 6 Professional Title



# **WORK EXPERIENCE**

**MLOps Engineer** 

2024

# **Sopra Steria Next - France**

- Benchmarked MLOps tools to reinforce the company's technological offer.
- Extensive evaluations through metrics and use cases.
- Presented my findings in weekly presentations to the team.
- Built a digital library of the tools tested with reproducible demonstrations.

# Agile Web Developer

2022 - 2023

### **SFEIR - France**

- Applied Agile and Scrum methods in web development working in a small team.
- Maintained high standards in controlled environments.
- Fostered innovative problem-solving skills.
- Gained extensive professional experience.

# **PROJECTS**

## Benchmark tool for MLOps

- Built a tool to evaluate and compare MLOps solutions using customizable criteria for informed decision-making. Generated comparison reports to identify the best fit for client needs with data-driven insights.
- Designed a modular structure to easily add new MLOps patterns and benchmarks for ongoing evaluations.
- Skills: Python, Streamlit, SQL

#### Mediamap

- Developed an interactive installation utilizing tangible interfaces to enhance urban planning processes.
- Integrated physical Legos with projected digital maps, enabling users to manipulate land use and observe real-time pedestrian traffic simulations.
- Skills: Javascript, APIs, Deep Learning, Computer Vision