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'm aiming to grow my professional skills through practical work experience. Committed to continuous learning and self-improvement, 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)** : Network, Multithreading, OOP, Packages.
- **Javascript** (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, Weight&Biases, Airflow, Nuclio, Streamlit, Dash, Flask.

UI/UX DESIGN & PROTOTYPING

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

SOFT SKILLS

- Effective communicator
- Problem solver
- Versatile and quick learner
- Team player

LANGUAGES

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

PROJECTS

Benchmark tool for MLOps

Sopra Steria Next (internship)

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

Unlimited Hunger Games (Deep Learning)

Class assignment

- Trained a decoder-only transformer on the Hunger Games saga for advanced text generation.
- Applied natural language processing for style and theme replication.
- Implemented the model on a web platform for interactive user experience.

WORK EXPERIENCE

MLOps Engineer (6 months internship)   2024

Sopra Steria Next | La Défense, 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 (1 year apprenticeship)   2022 - 2023

SFEIR | Neuilly-sur-Seine, 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.

EDUCATION

Master Creative Technology   2023 - 2025

Institute for Future Technologies | La Défense, France

Double diploma **Master of Science (MsC)**

`Engineering` `Manufacturing` `Electronics` `Computer Science` `Deep Learning`

Bachelor Coding & Digital Innovation   2020 - 2023

IIM Digital School | La Défense, France

Chief of Digital Project - **RNCP Level 6 Professional Title**

`Frontend` `UI/UX` `Project lead` `Backend` `Database`
`Deployment` `Mobile / IOT` `SEO / RGPD` `Soft Skills` `Apprenticeship`