



RÉPUBLIQUE
FRANÇAISE

*Liberté
Égalité
Fraternité*

UNIVERSITÉ
MARIE & LOUIS
PASTEUR



BAC+5

MASTER

Computer Science

Internet of Things (IoT)

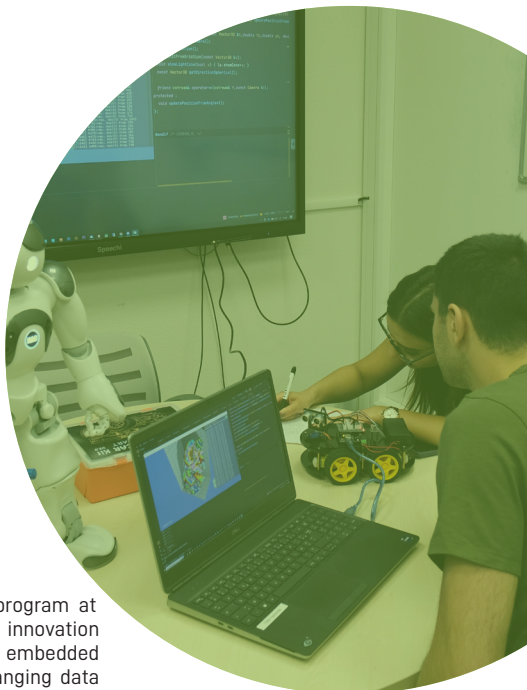


The IoT Master's degree is an International Master's program at the EIPHI Graduate School focused on research and innovation in the design and development of intelligent devices, embedded software capable of connecting, interacting, and exchanging data over the internet. From a technical standpoint, IoT is situated at the intersection of networks, cloud computing, big data, artificial intelligence, mobile development technologies, and embedded distributed computing.

The master's program is entirely taught in English, contributing to the establishment of a high-level international offering in computer science in the Nord Franche-Comté region. The program also allocates significant space to complementary courses (management, entrepreneurship, etc.) to prepare students for future careers in industry or research laboratories.

The IoT master's program is strongly supported by the FEMTO-ST Institute associated with the CNRS, and benefits from collaborations with numerous laboratories abroad. Students will be immersed in the laboratory environment to train them in research within the framework of projects, internships, and even doctoral theses.

The IoT master's also benefits from close relationships with local and national industrial partners, relationships forged over the years. In this context, the apprenticeship training allows students to combine excellent university education with skills acquired in companies.



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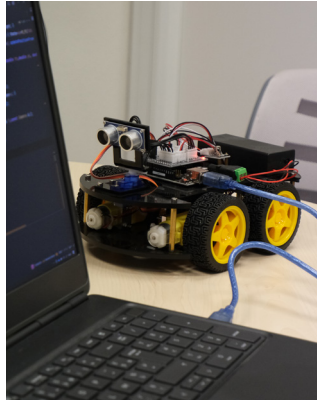


Training program open to apprenticeship



● **Skills**

- Design, development, and deployment of applications for the IoT
- Design and programming of applications for smartphones
- Solving complex problems using AI techniques
- Development and deployment of services on the Cloud
- Distributed programming of connected objects
- Securing connected systems for IoT



● **Career opportunities / jobs**

Further studies in a PhD in Computer Science, internationally or in France, in research laboratories or industrial R+D teams.

This degree also provides access to the area of small and medium-sized enterprises (SMEs), large corporations, or organizations such as:

- research and development engineers,
- project managers,
- application architects,
- Cloud system administrators,
- network administrator,
- any kind of executive related to Computer Science.



**Find all the
information on our
website:**

stgi.umlp.fr



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