40 Stamford Court,
Goldhawk Road,
W60XD London

work@lemaire.io
https://lemaire.io

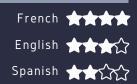in 🐙 thibaudlemaire

THIBAUD LEMAIRE

**TELECOM PARISTECH STUDENT,
TOP 5 FRENCH ENGINEERING SCHOOL**
Looking for an internship in Digital Research and Innovation

EDUCATION

IMPERIAL COLLEGE LONDON, EXCHANGE
Robotic, machine learning & AI

TELECOM PARISTECH, EURECOM
Smart Objects track : IoT, embedded systems & IT security

LANGUAGES

French ★★★★
English ★★★☆
Spanish ★★☆☆

QUALITIES

Versatile, autonomous and empathic,
With a great capacity of adaptation,
Perspicacious, driving force in projects,
Passionate about new technologies and in permanent learning.

MISCELLANEOUS

Playing volley-ball and sailing
Holder of a plane pilot's license

VOLUNTEERING

Télécom Sound & Magic, President

BDE Telecom, union of students
In charge of student's facilities and acting Treasurer

SKILLS

- Full stack Web development, desktop & embedded development
- Prototyping using PIC microcontroller, Arduino, Raspberry Pi
- Implementation of machine learning algorithms and computer vision
- System design and architecture, networks
- Knowledges : Python, PHP, Java, C/C++, HTML/CSS, Linux, Git, Docker, AWS, Symfony, ROS, SkLearn, Keras, RaspberryPi/Arduino

PROFESSIONAL BACKGROUND

BLOOMING, BACKEND DEVELOPER-DATA SCIENTIST
AUGUST 2018 - JANUARY 2019

- Development of scrapping tool and design of a deep-learning classifier

QUALIPAYE.FR, FULL STACK DEVELOPER
SEPTEMBER 2017 - JANUARY 2019

- Design, deployment and maintenance of a website allowing to calculate french employer's charges.

LIFEBOX, TECHNICAL CONSULTING IN IOT
JUIN 2017 - JUIN 2018

- Feasibility study, comparison of system architectures and product tests

PROJECTS

LIBROB, AUTONOMOUS LIBRARIAN ROBOT
SEPTEMBER 2018 - DECEMBER 2018
In charge of the navigation module and integration with Robot OS

- Autonomous navigation : SLAM, Path Finding, Computer Vision
- User interaction using natural language and visual UI
- Interfacing with the library API

LEDWALL, LED BIG SCREEN
APRIL 2016 - NOVEMBER 2017
In charge of the embedded software in Python

- Design and manufacturing of the led wall driven by a video mapping software in real time.
- Extracting and broadcasting the video stream, synchronisation of images, driving LEDs using SPI