



Marcus Toma

Computer Science & IT engineering student, seeking to expand my skillset and kickstart my career in the context of a 6-months-long internship

✉ d.marcus.toma@gmail.com

☎ +33 6 95 93 25 20

📍 Lyon, France

🌐 www.marcus-toma.fr

🎓 EDUCATION

▶ Master of Sciences in Computer Science

INSA (National Institute of Applied Sciences), Lyon, France
Exchange at **POLIMI** (Politecnico di Milano), Milan, Italy
2020 - 2023

▶ Undergraduate Course in Engineering Sciences

INSA (National Institute of Applied Sciences), Lyon, France
2018 - 2020

▶ Highschool, STEM Biology section

CSI (International Scholar City), Lyon, France
2015 - 2018

📦 EXTRACURRICULAR

▶ Game Developer [See more ▶](#)

Developed and released several fully fleshed and polished video games, both independently and at the head of a team, using various game engines.

- Showcased them at a gaming convention and online.
- Collaborated with music composers for the OSTs.
- Strong emphasis on graphics programming, technical art, and design.

Game Programming Game Design UX/UI Design AI ...

2016 - 2021

▶ Communications Manager

Handled communications for the "European Cultures and Identities" student association. Organised many on-campus events and worked towards producing a fully fleshed video documentary.

Event Organisation Poster Design

2019 - 2020

🧰 WORK EXPERIENCE

▶ Data Scientist Intern

Onepoint, Lyon, France

Performed business research and analysis across all sectors of the industry to identify AI solution needs and opportunities. Developed, in a team of 3, a real-time video feed analysis solution, working on a local network of distributed edge computing devices.

Neural Networks Edge Computing Node-Red Business Analysis

2022 (16 weeks)

▶ Full-stack Developer Intern

CRNL (Neuroscience Research Centre), Lyon, France

Designed and developed an online behavioural experiment, using machine learning to analyse mouse movements in real-time and make predictions. Collaborated with neuroscientists in conducting research using it.

Machine Learning Web Dev Experiment Design Gamification

2021 (11 weeks)

▶ Student Tutor

INSA, Lyon, France

Helping undergraduates overcome their struggles in scientific subjects and teaching problem-solving methods.

Pedagogy Maths Physics

2020 - 2022

▶ Graphic Design Intern + Freelancer

Lightricity, Oxford, UK

Redesigned the company's website, visual identity, and marketing material. Currently continuing work as a freelancer, producing custom illustrations and videos, and managing the website.

Motion Graphics Video Editing Photography PowerPoint ...

2019 (5 weeks) + 2020 - Present

☰ SKILLS & LANGUAGES

Software engineering
IT Systems engineering
Compiler design
Web development
Data science
AI programming
Computer graphics

Java C/C++ Python JavaScript
CSS React Git SQL Matlab
Prolog Node-Red Coral TPU
Adobe CC MS Office Game Maker

French ★ C2
English ★ C2
Romanian ★ C1
German ☆ B1
Spanish ☆ A2
Japanese ☆ A1