



# 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

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📍 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 TPUs  
Adobe CC   MS Office   Game Maker

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