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[in](#) Najib EL KHADIR
[NajibXY](#)
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LANGUAGES

French
English
Arabic

SKILLS

- C++ | C# | Python | Java
- Unreal Engine | Unity
Godot | Raylib
- OOP
- Deep Learning
- Multi Agent Systems
- Distributed Systems

HOBBIES

Student Associations

- Training Manager
2017-2018 @ FEDIUT
- Event & Team Manager
2016 @ BDE INFO Lyon

Cinema

- Wes Anderson
- Bong Joon-ho

Video games & e-Sports

- Game Design, OST
- Counter Strike, Street
Fighter, Indie games

NAJIB EL KHADIR

GAMEPLAY & AI PROGRAMMER

An experienced professional passionate about software development, artificial intelligence, and video games, as well as their ethical and cognitive aspects. I aim to enhance my skills and align my career with my true calling: video games programming.

EDUCATION

● **Master's Degree in Video games Engineering** 2024 - 2025
GAMAGORA - Lumière Lyon 2 University

● **Master's Degree in Computer Sciences & AI** 2020 - 2021
Lyon 1 University

EXPERIENCE

● **Software Engineer** 2022 - 2024
Sopra Steria Lyon - **Java** / **REST** / **Oracle** / **Spring** / **Jenkins**

- Handled detailed and internal specifications, development, unit and integration testings
- Delivered bug fixes and ensured lifecycle maintenance of the software
- Contributed to software evolution through API integration

● **Research Intern** 2021
LIRIS CNRS Team SyCoSMA - **PyTorch** / **Numpy** / **Matplotlib**

- Contributed to the Ethics.AI research project (ARA region) through the enhancing of a Smart Grids simulator
- Completed a master thesis on comparing and implementing DRL algorithms in a multi-agent system

● **Assistant IT Manager** 2017
genOway Lyon - **PowerShell** / **UML** / **Sharepoint**

- Designed and developed the company's intranet architecture, drafted specifications, managed IT assets and crisis protocols

PROJECTS

Audio-Reactive Boids-Based VJing tool using **Godot**
Self-driving reinforcement learning agent in **Unity**
USD vs The World - Shmup Game made using **Unity**

More about my projects
on my GitHub or my portfolio

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