Mathéo JOSEPH

4th year student in computer science department at INSA Lyon

I am looking for an

Internship of 3 to 4 months in software development
Availability: May 1 to August 31, 2023

Contact

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Linkedin:
Mathéo Joseph in

Github:
MatheoJ

Web site:
matheojoseph.com

Sports and hobbies

Badminton

Climbing

Robotics and Algorithms

Travels
(North America, Scandinavia, and Eastern Europe)

3D modeling

Languages

English: C1 (Toefl 90)

Spanish: B1

My experiences

Software development internship in the LIRIS laboratory, development of a C++ application computing unbeatable AI for the "k in a row" game family: realization of a substantial project from start to finish, optimized application and parallelization calculations, *C++ and SFML* (from June to September 2022)

Development of a sentiment prediction model and API, within the Open Source politics startup: gitFlow, machine learning model with sklearn, API with flask, *Python* (2022)

Robotic programming for the 2022 French Robotics Cup, with the Clubelek association: vision computing with *openCV (Python)*, robot control (*C++*)

Project monitoring and customer prospecting, Tech4Good association (2021/2023)

Volunteer Work in Denmark (July 2021)

My projects

C++ application for the management of data provided by air quality sensors, study of needs, performance of unit and functional tests, layered architecture, *C++* (2022)

Front end of a concierge web application, MVC architecture, javascript and *Java* (2022)

Back end of a web application for making appointments, maven project in *java*, use of tomcat server, layered architecture (2022)

Comment labeling application, python (2022)

Local multiplayer game inspired by pandemic board game, POO, group project, *Java* (2021)

Realization and programming of a DNA extractor robot, for the laboratory of the civil hospices of Lyon (2021)

Education

2019-2024	Engineering studies at INSA Lyon
June 2019	Scientific baccalaureate, engineering science option, with honors

My skills

Languages: **C++, C, Java, Python, JavaScript, HTML, CSS**
OS: **Linux/Unix, Windows**
Tools: **Matlab, Visual Studio Code, Netbeans, CLion**
Database: **SQL, Oracle, MongoDB**
Other**: GIT, DOCKER**