Rousseau Rayane

Second-year Computer Science Student
Seeking an Apprenticeship

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Education

2023 - Présent
BUT Informatique - IUT of Lens

2020 - 2023
STI2D High School Diploma -
EPID Private High School, Dunkirk

Skills

Programming Languages:
- Python, Java, C#, Lua, SQL, JavaScript, TypeScript

Application Development:
- Object-Oriented Design, Algorithms, Gradle, Ionic, Angular, Debugging

Web Development:
- HTML, CSS, JavaScript, React.js, TypeScript, PHP, Laravel, Svelte, Flask

Game Development:
- Unity, Roblox Studio, Lua scripting

Databases:
- Modeling, SQL, PostgreSQL

Systems & Networking:
- Unix/Linux, TCP/IP, Network Security

Project Management:
- Agile methodologies, Team collaboration, Communication, Time management, Git

Languages : Bilingual

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Profile

Second-year student in a **Bachelor's in Computer Science** program, passionate about development and artificial intelligence. Currently seeking a **10-12 month apprenticeship** starting in **summer 2025.**

Projects (Academic and Personal)

Application Development
- Designed applications using Gradle with the implementation of algorithms such as Dijkstra.
- Developing a dating application using Ionic (personal project).
- Developed and utilized APIs for a Flask-based application.

Software Development
- Created a medical record management software in Java (object-oriented), using Gradle.
- Developed various Java projects: 2048 game, Price is Right, Currency Converter, etc.

Game Development
- Self-taught in Unity through Unity Learn.
- Created a map and plugins in Lua for Roblox, including a recreation of a location from One Piece (personal project).

Web Development
- Built a website with a custom graphic design (HTML, CSS).
- Contributed to a web application using JavaScript, TypeScript, HTML, CSS, and Ionic (personal project).

Databases
- Designed a database in PostgreSQL for statistical analysis, with a focus on data quality and security.

Artificial Intelligence
- Self-taught in AI through IBM SkillsBuild and various online platforms.

Interests

Gaming : Passion for strategy games.

Competitive Programming : Training for coding contests (SWERC, Codeforces...).

Artificial Intelligence : Following advancements in AI and continuous self-learning.

Sports : Weightlifting, swimming.