Maxime GUILLON

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Github | Linkedin

I am a computer science student with a strong passion for web development, bringing hands-on experience in Symfony/PHP from previous internships. Skilled in both backend and frontend development, I've gained versatility through my studies, allowing me to adapt across various projects and technologies. During my free time, I like to play with ThreeJS and make some cool 3D websites.

EDUCATION

Univerity of Bordeaux   **Bordeaux, France**
Master 1 in Computer Sciences   *2024-2025*
- Analysis, Classification and Indexing of Data (Machine Learning, knn algorithm, Bayes classification, linear regression, …)
- Good programming practice (design pattern like, singleton, decorator, observer, factory, …)
- Complexity and Calculability (Theory of NP Completeness, SAT problem, polynomial reduction)
- Exploitation System (work on NACHOS software, implementation id asynchronous input/output, thread/multithreading, pagination)
- Artificial Intelligence (AI for games, probability tree, deep learning, neural network, CNN)

University of La Rochelle   **La Rochelle, France**
Bachelor's degree in Computer Sciences   *2022-2023*
- Develop competent software (Qt framework, Python, Java)
- Management of systems and networks (network security, computer architecture)
- Signal processing for smart objects (Matlab, signal analysis)
- Model and build a system (data analyse, data structure: tree, hash table, …)
- Embedded vision and artificial intelligence (CNN, facial/image recognition)
- Compilation, graph algorithm and complexity

University of La Rochelle   **La Rochelle, France**
BETC Higher National Diploma in Computer Sciences   *2020-2022*
- Advanced oriented object programming and conception (Qt framework, C++, UML)
- Web programming (HTML, CSS, Javascript, PHP, Symfony)
- Business process modelling (BPMN)
- Database conception and management (SQL, PL/SQL)
- Bid data analysis (Python, Numby)
- IT Project Management (AGILE, SCRUM)
- Advanced algorithmic
- Probability and statistic

WORK EXPERIENCE

MBDA   **Le Plessis-Robinson, France**
Symfony/PHP Developer (internship 12 weeks)   *April 2023 – July 2023*

- Migrate website on Symfony
- Migrate the database and adapt it to a new schema while keeping dependencies
- Create form and validation rules
- Display data from database, filter
- Create REST API

Inetum   **Bordeaux, France**
Symfony/ PHP Developer (internship 10 weeks)   *April 2022 – June 2022*

- Security patch to prevent basic web attack (cross-site scripting, cross-site forgery, …)
- Clean duplicate data in database
- Reverse engineering old code without documentation
- Front development to promote user experience, improve general ergonomics of application according to the customer's wishes

CERTIFICATIONS

[ThreeJS Journey Certificate](#) *by Bruno Simon*

DEVELOPER SKILLS

Languages: HTML/CSS, Javascript, PHP, Python, Java, SQL, C++
Web Framework: React, Symfony, ThreeJS/ReactThreeFiber
Project Management: AGILE and SCRUM method
Other: Blender

PERSONNAL SKILLS

Languages: French (Native), English (B2)
Soft skills: Curious, team spirit, creativity, empathy, stress management, ambitious

MORE ABOUT ME

What I like to do before work: Boxing, go to the gym, watch sports/films, I am interested in economics and finance, I like hiking, read and I like learning things that I will probably never use "just in case"