KENZA HATEM

Computer Science student looking for a 4-month internship in AI/Data starting on March 10, 2025, to validate my BUT degree in Computer Science

Portfolio website: https://jupyter.univ-paris13.fr/~12206971/Potfolio-KenzaHatem/
@ kenzahatem@outlook.fr   📞 07 50 53 20 32
 https://github.com/kenzahatem   📍 Ile-de-France   🎂 20 years old

EDUCATION

Pursuing a BUT in Computer Science:
First year completed (Ranked 5th/135)

Second year completed (Ranked 4th/84)

Currently in third year.

📅 2022-2025   📍 IUT of Villetaneuse

Scientific Baccalaureate - High Honors

CERTIFICATIONS

Python for Data Science
- Data Science - Pandas - NumPy - Python Programming

PROJECTS

- **Community detection in Python:** Developed an algorithm for community detection in graphs, compared different approaches (Louvain, Girvan-Newman), and analyzed results. Used libraries like 'networkx' for graph manipulation and 'matplotlib' for visualization.
- **Project management in Java:** Analyzed a project requirements document, designed UML diagrams (class diagrams, activity diagrams, sequence diagrams), implemented the project in Java, and conducted unit tests with JUnit. Followed SOLID principles and best practices for exception handling.
- **Web platform development in PHP (Laravel):** Completed an internship focused on developing a dynamic website with user management, integration of RESTful APIs, and database optimization using Eloquent ORM. Full-stack development for both back-end and front-end.
- **Showcase website in HTML/CSS/JavaScript:** Created a modern, responsive showcase website with JavaScript libraries (jQuery, Ajax) for handling user interactions and API integration.
- **Linux development environment setup:** Configured and optimized a Linux environment (Ubuntu, Kali Linux) for development with Git, Docker, and automated processes with bash scripts.
- **SQL database:** Designed, implemented, and managed a relational database using PostgreSQL, including data modeling, optimizing complex queries, and managing ACID transactions.
- **Client requirements gathering and project management:** Experience communicating with clients to define project specifications, creating project specifications documents, and managing deadlines using Agile methodologies (SCRUM).
- **Online portfolio:** Projects can be viewed and downloaded from my online portfolio.

PROFILE

Independent and enthusiastic, always looking for new challenges, I am eager to join an organization where I can contribute my skills, face challenges, and strengthen my knowledge.

PROFESSIONAL EXPERIENCE

2-Month Internship at DEVEA PHP Development with the Laravel Framework: Back-end feature design and implementation, Advanced use of Laravel features, optimization and problem-solving.

SKILLS

Operating Systems
- Linux (Ubuntu, Kali Linux), Windows

Version Control
- Git (GitHub, GitLab), branch management, conflict resolution.

Databases
- SQL, NoSQL, NewSQL

Programming Languages
- **Python:** Data analysis, CSV/JSON file handling, cryptography.
- **Java:** Object-oriented programming, exception handling, multithreading.
- **PHP/Laravel:** API development, middleware management, database handling.
- **JavaScript:** Front-end with React/Vue.js, back-end with Node.js.

LANGUAGES

English - C1
Arabic - B2
Spanish - A1
Kabyle - B2

INTERESTS

Languages | Video Games | Music

Movies and Series