



Thabel KUADJOVI

Computer Science Engineer

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🏠 Casablanca, Morocco
🔗 <https://thabel.github.io/portfolio>
☎ 0643683602

Contact

📅 22 years old
🇹🇬 Togolese

Aspiring and motivated engineering graduate specializing in Artificial Intelligence, Big Data, and Cybersecurity, with nearly two years of hands-on experience in full stack development and data-driven solutions. Eager to leverage strong programming skills, machine learning expertise, and cloud infrastructure knowledge to contribute effectively in innovative tech environments. Passionate about developing scalable, secure, and intelligent systems that drive business value and improve user experiences.

Education

Master's degree in Computer Science and Artificial Intelligence [HESTIM](#) Morocco

Since December 2020

HESTIM : Hautes Etudes des Sciences et Techniques de l'Ingénierie et du Management

Master's Degree in Cyber Defense and Information Security (CDSI) [INSA](#) Lyon

From November 2023 to 2025

- French-accredited degree delivered through a strategic partnership with INSA Lyon, one of France's top engineering schools (ranked by Eduniversal).
- 400-hour intensive training combining engineering, governance, and hands-on cybersecurity practices.
- Curriculum taught by 75% industry professionals, providing real-world expertise in cyber defense, information security, and governance.

Work experience

Full stack developer intern [RHOB](#) Paris

Since May 2023

- Developed a responsive HR dashboard using Python and React, enabling real-time visualization of key HR and payroll metrics.
- Integrated interactive business graphs with Chart.js, delivering actionable insights to company leadership.
- Deployed and managed the platform on AWS, ensuring high availability, security, and scalability.

Languages

French

English

Soft skills

Strong problem-solving and analytical thinking

Adaptability and quick learning in fast-paced tech projects

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Effective communication and teamwork in cross-functional environments

Attention to detail and commitment to code quality

Time management and ability to meet tight deadlines

Proactive attitude and continuous improvement mindset

Computer skills

Machine Learning & AI: Scikit-learn, TensorFlow, PyTorch, LLaMA (local inference), RAG methodology

Data & Databases: SQL (PostgreSQL, SQLite, MongoDB), Vector Search, Data Preprocessing

Cloud & DevOps: AWS (EC2, S3), Docker, CI/CD basics

Cybersecurity: Cyber Defense, Information Security, Governance

Tools & Frameworks: Git, UML, Chart.js

Programming skills

Programming Languages: Python, JavaScript, PHP, C++, Java

Web Development: Django, Flask, React.js, Next.js, REST APIs

Interests

Sport

- Running
- Gym

Work experience

AI Developer (R&D Intern) HISNEO Casablanca, Morocco

From May 2024 to July 2024

- Implemented a natural language processing (NLP) model to enhance the chatbot's understanding of user queries, resulting in a 20% increase in accuracy.
- Developed an offline chatbot using the RAG methodology, capable of extracting insights from PDF documents by converting them into vectors and performing vector-based search.
- Designed and implemented the backend with Python Flask to process PDF inputs, and integrated Llama C++ for efficient local inference. Utilized JavaScript for frontend development, enabling user interaction with the chatbot and seamless presentation of the extracted insights.

Certificates

- AWS fundamentals including compute, storage, and security.
- AWS security best practices and cloud infrastructure defense.
- Agile mindsets, principles, and frameworks
- Foundations of NLP and text processing.
- Cybersecurity principles and tools.
- SQL fundamentals for data science
- Masterclass on React v8 and modern frontend

Social networks

@thabel

@thabel

Skills

Data Scientist



- **Python Programming:** Proficient in writing clean, efficient, and scalable code for various applications.
- **Machine Learning:** Experienced in building, training, and evaluating machine learning models using libraries such as Scikit-learn, TensorFlow, and Keras.
- **Web Development:** Knowledgeable in developing dynamic and responsive web applications using frameworks like Flask and Django.
- **Data Science:** Skilled in data analysis, visualization, and statistical modeling using tools such as Pandas, NumPy, Matplotlib, and Seaborn.
- **Graphical User Interfaces (GUIs):** Able to design and implement user-friendly desktop applications using Tkinter and PyQt.

Full Stack



JavaScript (JS): Strong understanding of modern JavaScript (ES6+), including asynchronous programming and DOM manipulation.

React.js: Experienced in building modular and efficient front-end applications using React.js, with state management and component-based architecture.

UI Frameworks & Styling: Proficient in designing responsive and visually appealing interfaces using **CoreUI**, **Tailwind CSS**, and **Bootstrap**.

Next.js: Skilled in developing server-side rendered (SSR) and static web applications using Next.js, with optimizations for SEO and performance.

Cybersecurity

Network Scanning &

Reconnaissance: Proficient in using **Nmap** for network discovery, port scanning, and vulnerability assessment.

Threat Detection & Monitoring:

Experience with **Suricata** (IDS/IPS) and **Chronicle** (Google Cloud SIEM) for real-time network traffic analysis and threat detection.

Traffic Analysis: Skilled in analyzing network packets using **Wireshark** to identify anomalies and investigate incidents.

Security Testing Environment:

Familiar with penetration testing and security assessments using **Kali Linux** tools and environments.

Risk Management: Knowledge of the **EBIOS** risk assessment methodology for evaluating and mitigating cybersecurity risks.

Security Frameworks & Standards:

- **NIST Cybersecurity Framework (CSF):** Understanding of its functions (Identify, Protect, Detect, Respond, Recover).
- **ISO/IEC 27001:** Familiar with principles and implementation of Information Security Management Systems (ISMS).
- **ITIL & COBIT:** Awareness of best practices for IT governance, risk management, and service management in secure environments.

devops

- **Docker:** Proficient in containerizing applications using Docker, writing Dockerfiles, and managing multi-container environments with Docker Compose.
- **Linux:** Solid understanding of Linux systems, including shell scripting, package management, system monitoring, and server administration.
- **Git:** Experienced in using Git for version control, including branching strategies, pull requests, and collaborative workflows on platforms like GitHub or GitLab.
- **CI/CD Pipelines:** Knowledge of Continuous Integration and Continuous Deployment practices; capable of setting up and managing automated workflows using tools such as GitHub Actions, GitLab CI, or Jenkins.