

melek.hadar@gmail.com

GitHub Profile

LinkedIn Profile

+216 26 379 765

Melek HADDAR

Final Year Engineering Student – Software Engineering & Information Systems

Currently in the final year of my engineering degree in Software Engineering and Information Systems, I am seeking a final-year internship (PFE) in Full Stack development with AI integration. Passionate about innovative technologies, I have acquired academic and professional experience in web development and artificial intelligence, which I aim to leverage in ambitious projects. Curious, motivated, and results-driven, I am committed to bringing real value and taking on new technical challenges.

TECHNICAL SKILLS

Front-end : React.js, JavaScript, HTML, CSS, Figma

Back-end : Node.js, .NET, Spring Boot, Jakarta EE, Laravel, Flask

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

Databases: PostgreSQL, MySQL, MongoDB

Tools & Methodologies: Agile/Scrum, Git, GitHub/GitLab, Jira

Modeling: UML, Merise, StarUML, [Draw.io](#)

PROFESSIONAL EXPERIENCE

AriMayi | Internship | August 2025 – September 2025

Development of a Universal Textual LLM (Large Language Model)

Developed a universal textual LLM: model selection and integration (OpenAI, Anthropic, open source), prompt orchestration, API implementation, and business testing (generation, rephrasing, summarization, analysis).

Elite Council Consulting | Internship | June 2025

Intelligent Digital Register (Flask, React, MongoDB)

Built an intelligent digital register for attendance management using Flask, React, and MongoDB, integrating AI for absence prediction and automated statistics generation.

Saint Honoré Cosmetics | Internship | August 2024

Instagram Data Collection Tool (Python)

Developed an automated lead generation tool via Instagram using Instaloader: scraping by hashtags, intelligent extraction of emails from bios and websites, data enrichment, and optimized export for Saleshandy prospecting.

Phylia Technology | Internship | July 2024

E-commerce Platform (Laravel)

Developed an e-commerce platform in Laravel, Bootstrap, and MySQL, including product, order, and payment management. Designed a responsive UI ensuring optimal experience on all devices. Managed roles for sellers, clients, and administrators.

CERTIFICATIONS OBTAINED

- NVIDIA – Building LLM Applications With Prompt Engineering – Oct 2025
- Next.js App Router Fundamentals – Vercel – Jul 2025
- Next.js Pages Router Fundamentals – Vercel – Jul 2025
- Next.js SEO Fundamentals – Vercel – Jul 2025
- React Foundations for Next.js – Vercel – Jul 2025
- Attendance Hashgraph Developer – The Hashgraph Association – Apr 2025
- Python for Data Science – IBM – Oct 2024
- Scrum Fundamentals Certified (SFC) – ScrumStudy – Mai 2024

CERTIFICATIONS IN PROGRESS

- NVIDIA – Building RAG Agents with LLMs
- NVIDIA – Rapid Application Development with LLMs
- NVIDIA – Deploying a Model for Inference at Production Scale

ACADEMIC PROJECTS

CyberTrend – Final Year Project: Predicting cyberattacks from time series data and news collected via web scraping (Google News), with predictive model comparison (ARIMA, Prophet, LightGBM, XGBoost, LSTM).

E-Health Platform: Web application in ReactJS connecting patients and doctors.

Gustora: Symfony-based restaurant application with OTP, product/order management, and automated invoice emailing in a polished environment.

Fast Food Image Classification: Image classification of fast-food using various models.

PyBank: Python application with GUI to easily manage bank accounts.

EcomPulse: E-commerce platform developed in .NET with PostgreSQL database.

My CV Maker: Web application allowing users to create and customize their CV.

KNOW-HOW

Design interactive application mockups
Develop secure and high-performance applications
Design, optimize, and manage databases
Version control and collaborative work using Git
Apply Agile/Scrum methodology with Jira

SOFT SKILLS

Efficient problem-solving for complex challenges
Team spirit and active collaboration
Adaptability to changing situations
Precision and rigor in task execution
Autonomy and initiative

EDUCATION

Engineering Degree in Software Engineering & Information Systems, ISIMG – Sept 2021 to June 2026

Scientific Baccalaureate – June 2021

LANGUAGES

French (Bilingual)

English (B1)

HOBBIES

Sports (Yoga, Pilates, Martial Arts) and creative activities (Painting, Drawing, Photography).