

Selma Khelili

Artificial Intelligence Student | Aspiring Artificial Intelligence Intern

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Professional Summary

I am an Artificial Intelligence student passionate about solving real-world problems through machine learning, natural language processing, computer vision, and data science. I have hands-on experience from hackathons, academic projects, and full-stack web and mobile development. I bring strong collaboration, design thinking, and technical writing skills, along with a constant drive to learn, improve, and build impactful solutions.

Education

Ecole Nationale Supérieure d'Intelligence Artificielle (ENSIA)

Degree in Artificial Intelligence — Sept 2021 – Jul 2027

Algiers, Algeria

Djamila High School

Baccalaureate in Mathematics – Jun 2021

Algiers, Algeria

Experience & Leadership

Design Manager – SecAI Club — Jan 2025 – Present

I lead design and branding for events like “Zero-Month Security” and “Stat AI Workshop Series.” Managed planning, content visuals, and cross-team coordination.

Deep Learning Team Member – Crypto Price Prediction Project — Apr 2025

My task was data collection and preprocessing from Binance API and modeling crypto price predictions using LSTM Autoencoder .

Development Manager – Skill and Tell — Sep 2023 – May 2024

I organized web development workshops, supported junior developers, and supervised event websites creation.

Projects

AI-Powered Activity Suggestion Filter — Feb 2025 (ANAE Hackathon)

Built a web app using a 6-step NLP pipeline to process user-submitted entrepreneurship ideas. The system detects duplicates, filters inappropriate content, and ranks suggestions tailored to the Algerian context. **Role:** Data collection, preprocessing, and content organization.

Arabic Autocorrect System — In Progress

A self-led NLP project to automatically correct Arabic text using deep learning and language modeling. Designed to improve user input fluency and accuracy.

Crypto Price Prediction — Apr 2025

A solo time series forecasting project using ARIMA to model and predict cryptocurrency prices. **Role:** Time series analysis, model selection, and forecasting.

Product Propensity Modeling (Djezzy) — Jan 2025

Designed a binary classification pipeline to recommend telecom bundles based on client segmentation and behavior using data mining techniques. **Role:** Data preprocessing, EDA structuring, and client clustering.

Wedding Planning App — Jan 2025

A mobile app using Flutter to help users manage various aspects of their wedding, including venue selection, guests and vendor management. **Role:** Integrated a login/ signup system with a local database (SQLite) to store user information and preferences and designed user settings system and venue creation.

StudyPortal — Apr 2023

Developed a Laravel-based web app for students and teachers to share educational materials, collaborate, and hold virtual meetings. **Role:** Built the calendar system to schedule and manage meetings.

Khadra — Apr 2023

A Laravel-based web app that connects farmers with customers to sell crops directly. **Role:** Designed and implemented the blog system for farmer interaction, including posting and commenting features.

Technical Skills

Programming & Frameworks: Python, SQL, C++, R, HTML, CSS, JavaScript, PHP, Flutter, Laravel, Flask, React

Libraries & Tools: Scikit-learn, Pandas, NumPy, Jupyter, Figma, GitHub, Canva, Overleaf, Photoshop, Neo4j

Soft Skills: Agile Planning, Design Thinking, Critical Thinking, Documentation, Team Collaboration

Languages

Arabic: Native

English: Advanced

French: Advanced