

SARA TOUAHRI

Computer Science Student

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<https://portfolio-touahri-saras-projects.vercel.app/> Tiaret, Algeria



PROFESSIONAL EXPERIENCE

Internship in Computer Networking

Sonelgaz Tiaret, Algeria

09/2023 - 10/2023

- Title: Training in Computer Networking
- Gained proficiency in software used within the organization.

Final Year Internship – PFE

ISAE-ENSMA, LIAS Lab, Poitiers, France

01/2025 - 06/2025

- Title:** Study on the Energy Efficiency of Triple Stores.
- Performed empirical analysis of the energy consumption of RDF triple stores.
- Developed predictive models using machine learning to estimate energy consumption for SPARQL queries.
- Technologies:** RDF, SPARQL, Virtuoso, Jena, Python (scikit-learn, TensorFlow), Docker, MySQL, Linux.

COMPLETED PROJECTS

Full-stack Developer

DARESNI

02/2024 - 06/2024

- Full-stack Developer (Microservices)
- Developed an e-learning website that provides courses and resources for Arabic language learning as part of a fourth-year project at ESI-SBA.
- Technologies:** Next.js, Nest.js, Tailwind CSS, Github, Docker

Frontend Developer

SHOPPER

11/2023 - 12/2023

- Frontend Developer aimed at enhancing my skills aligned with current trends.
- Created an e-commerce website for online shopping, selling clothing for men, women, and children.
- Technologies:** React.js, Tailwind CSS.

Frontend Developer

ED-GATE

02/2023 - 06/2023

- Frontend Developer
- Developed a project management platform for final year projects (PFE), focusing on startups and patents.
- Technologies:** React.js, Tailwind CSS, Github.

Full-stack Developer

MEDON

02/2022 - 06/2022

- Developed a website for medication donations.
- Technologies:** HTML, CSS, JavaScript, Java for backend.

PROJECTS

UI/UX Designs Created with Figma

- Designed a sports website,
- Designed an e-commerce website,
- Designed dashboards for an online education platform.

EDUCATION

Engineering and Master's in Computer Science

Higher School of Computer Science, May 8, 1945 - Sidi Bel Abbès

09/2022 - 09/2022

Sidi Bel Abbès, Algeria

- Specialization in Information Systems and Web Technologies

Engineering Preparatory School

Higher School of Computer Science and Digital Technologies (ESTIN)

11/2020 - 06/2022

Bejaïa, Algeria

- Completed two years of preparatory classes in Mathematics and Computer Science.

Mathematics Baccalaureate

Mouloud Kacem Nait Belkacem High School

09/2017 - 09/2020

Tiaret, Algeria

- Successfully completed with honors.

LANGUAGES

Arabic	Native	<div></div>
English	Fluent	<div></div>
French	Fluent	<div></div>

SKILLS

Next.js

Node.js

React.js

Tailwind CSS

Figma

GitHub

HTML

IntelliJ

CSS

Laravel

Microservices

SASS

Java

Angular

UI/UX Design

VS Code

Scrum

Agile

Docker

VOLUNTEERING



ByteCraft Club ESTIN

I worked at ByteCraft Club ESTIN Bejaïa for one year, where I participated in organizing two events. This experience enhanced my ability to collaborate effectively and improved my communication skills.