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

\$\pi\$ 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

m 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
- · Created an e-commerce website for online shopping, selling clothing for men, women, and children.
- Technologies: React.js, Tailwind CSS.

Frontend Developer

ED-GATE

- 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

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)

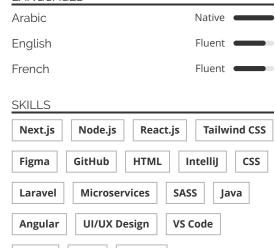
- **=** 11/2020 06/2022
- Bejaïa, Algeria
- Completed two years of preparatory classes in Mathematics and Computer Science.

Mathematics Baccalaureate

Mouloud Kacem Nait Belkacem High School

- **#** 09/2017 09/2020
- Tiaret, Algeria
- · Successfully completed with honors.

LANGUAGES



Docker

VOLUNTEERING



Scrum

ByteCraft Club ESTIN

Agile

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.