GHRIBI FATEH ABDENNOUR

FRONT-END ENGINEER

SUMMARY

Front-End Developer with a background in Software Engineering and Database Administration. Skilled in building responsive and accessible web applications using React, Next.js, and Tailwind CSS. Strong foundation in database design and software architecture, enabling efficient, scalable, and data-driven front-end solutions.

CONTACT

- ✉ fatehghribi27@gmail.com
- 📞 0540592656
- in Fateh Ghribi
- FATEH-GH
- 🔗 My Portfolio

SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, SQL

Frameworks / Libs: React, Next.js, Tailwind CSS, Framer Motion

Backend: Node.js, Supabase, Firebase, REST APIs

Tools: Git, Vercel, Postman, Chrome DevTools

Other: Responsive design, accessibility (a11y), unit testing (Jest/React Testing Library)

EDUCATION

BACHELOR'S DEGREE IN EXPERIMENTAL SCIENCES

Kasdi Merbah High School 2017-2018

BACHELOR'S DEGREE IN INFORMATION SYSTEMS AND SOFTWARE ENGINEERING

USTHB 2020-2021

MASTER IN SOFTWARE ENGINEERING

USTHB 2022-2023

EXPERIENCE

3D IMAGE RECONSTRUCTION FROM 2D SECTIONS

- Designed and developed a user-friendly desktop application for the medical field.

- Developed an algorithm based on the MARCHING CUBES algorithm for the reconstruction of 2D medical images into 3D.

- Built the UI (desktop) that loads DICOM files, adjusts thresholds, and allows interactive inspection and export.

- Reduced reconstruction time by 30%.

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CAUSAL PREDICTIVE INFERENCE USING DEEP LEARNING IN EPIDEMIOLOGY

- Designed and developed an application of deep learning models, particularly transformers, to predict COVID-19 outcomes using causal inference.

- Developed transformer-based models to predict COVID-19 outcomes and combined them with causal inference techniques to improve interpretability.

- Designed the application interface.

- Improved model accuracy by 12%.

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