

Zeineb Ghrab

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🌐 linkedin.com/in/zeineb-ghrab 📄 https://github.com/ZeinebGhrab 🔗 https://zeinebghrab.vercel.app



👤 PROFILE

Second-year Data Engineering and Decision Systems student at ENET'Com, passionate about emerging technologies and data-driven innovation. Curious, committed, and always ready to tackle new challenges with creativity and determination.

🎓 EDUCATION

Engineering Degree in Data Engineering and Decisional Systems <i>National School of Electronics and Telecommunications of Sfax</i>	09/2024 – Present Sfax, Tunisia
Bachelor's in Computer Science, Big Data and Data Analysis <i>Higher Institute of Computer Science and Multimedia of Sfax</i>	09/2021 – 06/2024 Sfax, Tunisia

💼 PROFESSIONAL EXPERIENCE

AI Engineer Intern <i>KPIT Engineering</i>	07/2025 – 08/2025 Sfax, Tunisia
Designed and developed an AI-driven system to automate test case generation for DTCs, building an end-to-end pipeline for DTC data parsing. <ul style="list-style-type: none">• Fine-tuned T5 Transformer for trigger prediction.• Generated .robot test scripts using Jinja2.• Collaborated via Git/GitHub in an Agile workflow. Tech: GenAI, LLM, NLP,,T5-small, Hugging Face, PyQt5, Python, Robot Framework.	
Web Developer Intern <i>Piximind</i>	02/2024 – 05/2024 Sfax, Tunisia
Developed a full-stack web and desktop solution to automate e-commerce receipt printing, streamlining operations. <ul style="list-style-type: none">• Built responsive React.js frontend and NestJS backend.• Created cross-platform Electron.js app.• Implemented CI/CD with GitLab and managed MongoDB. Tech: React.js, NestJS, Electron.js, Bootstrap, Handlebars.js, MongoDB, Git, GitLab CI/CD, Scrum	
Web Developer Intern <i>ZetaBox</i>	06/2023 – 08/2023 Sfax, Tunisia
Developed a web platform for streamlined invoice creation and management, enhancing user experience and automating PDF generation. <ul style="list-style-type: none">• Built responsive UI with React.js and Tailwind CSS.• Developed CMS using Strapi.js and designed PostgreSQL database schema.• Collaborated via Git and GitHub. Tech: React.js, Tailwind CSS, PostgreSQL, Strapi.js, Handlebars.js, Git, GitHub	

📁 PROJECTS

IDSD Program Showcase Website	03/2025 – 05/2025
Developed an interactive website to showcase the Data Engineering and Decision Systems program at ENET'Com, featuring student profiles, program details, and career opportunities. Tech: HTML, CSS, XML, XSLT, XPath, XQuery	
Stroke Clinical Data Statistical Analysis	05/2025 – 05/2025
Performed statistical analysis on stroke-related clinical data to identify associations between NIHSS scores, age, lifestyle factors, and stroke occurrence. Created visualizations and conducted hypothesis testing to extract actionable medical insights. Tech: Python, Pandas, SciPy, Seaborn, Matplotlib	
AI-Powered Book Recommendation System	03/2025 – 03/2025
Developed an intelligent book recommendation platform leveraging AI to provide personalized suggestions based on user preferences and reading history. Tech: Flask, React.js, TypeScript, Bootstrap, Python, CSV, AI	

🧠 SKILLS

Web Development HTML, CSS, JavaScript, TypeScript, React.js, NestJS, PHP	Programming Languages C, Python, Java	Data Management & Analysis Talend, Excel, Power BI
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LANGUAGES

- Arabic
- French
- English

CERTIFICATES

- OCI Generative AI Professional [🔗](#)
- Getting Started with Deep Learning [🔗](#)
- AI-900: Microsoft Azure AI Fundamentals [🔗](#)

ORGANISATIONS

IEEE ENET'Com Student Branch

Member

09/2024 – Present

Sfax, Tunisia

Microsoft Tech Club ISIMS

Member

09/2021 – 05/2022

Sfax, Tunisia

INTERESTS

- AI & Machine Learning
- Problem-Solving
- Web Development