



Mechri Refka

Final-year Software Engineering student with a passion for creative problem solving and efficient software design. Seeking a summer internship to apply and strengthen my skills in innovative development, user-centric solutions, and technology-driven impact.

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Education	<div>Higher Institute of Computer Science and Mathematics of Monastir (ISIMM) – Monastir, Tunisia</div> <div>Engineering Cycle – Software Engineering<div>Currently in 2nd year 2023 – Present</div></div> <div>Integrated Preparatory Cycle – Mathematics and Computer Science<div>2021 – 2023</div></div>	
Internships	<div><div>Full-Stack Developer Intern</div><div>PROXYM – IT– Sousse<div>june – July</div><ul style="list-style-type: none">Built CoreAssurance, a web platform to manage clients, agencies, quotes, contracts, and insurance payments.Developed both frontend and backend to ensure smooth operation and an easy-to-use interface.</div><div><div>Full-Stack Development of a Medical AI Platform Intern</div><div>Lab_Tim Laboratory – Faculty of Medicine, Monastir<div>Jul – Sep 2024</div><ul style="list-style-type: none">Developed Medical Vision, a web-based platform for machine learning workflows on medical tabular data.Enabled users to manage projects, import datasets, preprocess data, train models, and compare results.Implemented graphical visualizations to help users understand dataset features and model performance.</div><div><div>Data Engineering Intern</div><div>TaDa Startup – Monastir<div>Jun 2024</div><ul style="list-style-type: none">Extracted, structured, and processed a large-scale Arabic-language tabular database from diverse sources.Automated data collection and preprocessing workflows, improving efficiency and accuracy.</div></div></div></div>	
Certifications	<div>Generative AI with Diffusion Models – NVIDIA<div>April, 2025</div></div> <div>Fundamentals of Deep Learning – NVIDIA<div>September, 2024</div></div> <div>Exploratory Data Analysis for Machine Learning– IBM<div>March, 2024</div></div>	
Competitions & Achievements	<div>Entrepreneur Initiator Status – Pôle Étudiant Entrepreneur de l'Université de Monastir<div>Mar 2025</div></div> <div>Twice Night Challenge – National Winner<div>Oct 2025</div></div> <div>Nuit de l'Info – International Winner, Ymoji Challenge<div>Dec 2024</div></div>	
Technical skills	<div>Programming & AI: Python (TensorFlow, Keras, Scikit-learn, OpenCV), Java, C++, C</div> <div>Data Engineering & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Apache Spark, Hadoop</div> <div>Web & Backend Development: React, Flask, MySQL, Electron.js, Express.js, PostgreSQL</div> <div>Machine Learning & Deep Learning: Predictive modeling, medical image processing, time-series analysis</div> <div>DevOps & CI/CD: Git Bash, GitHub Actions, GitLab, Jenkins, Docker, Docker Hub, Kubernetes</div> <div>Cloud & Deployment: AWS (basic services & deployment), container orchestration</div>	
Extracurricular Activities	<div>IEEE Member – Active participant in technical and professional events<div>Jan 2024-Jan 2025</div></div> <div>Led the technical challenge at National SIGHT Day Congress 2025 (specs, goals, evaluation) and won 1st national prize in IEEE SMC & EdSoc Challenge 2023.</div>	
Languages	<div>English – Basic</div> <div>French – Fluent</div> <div>Arabic – Native</div>	