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Montassar Mastour

Data Scientist

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Data Scientist with a strong vision and dream, I am passionate about leveraging data to drive insights and innovation. As a leader and activist in various organizations, I actively contribute to causes I believe in. I strongly believe in the power of continuous learning and personal growth, investing in my own formation to stay ahead in this dynamic field. With a proven track record in data analysis, statistical modeling, and machine learning, I have applied my skills across industries and driving positive change.

EDUCATION

Master Degree in Data science , <i>Higher Institute of Multimedia arts of Manouba</i>	09/2022 - 11/2024
Bachelor Degree in Computer Science , <i>Higher Institute of Computer Science and Management of Kairouan</i>	09/2019 - 06/2022
High School degree in Computer science , <i>Sbikha Secondary School 1997</i>	09/2018 - 06/2019

SKILLS

Tools and Languages	Python ,SQL, Pytorch, CNN, GCN, Git, GCP, c#, unity
Quantitative Research	Computer Vision, RAG, NLP, clustering, classification
Communication	English (Intermediate), french (Pre-Intermediate), Arabic (Native)

TECHNICAL EXPERIENCE

Data Scientist Researcher / Internship <i>Laboratoire RIADI</i> <ul style="list-style-type: none">leveraged computer vision techniques to unlock valuable information.built custom computer vision models using machine learning and deep learning.Ensured the integrity of the data by properly labeling and organizing the collected images.collaborate with researchers to design experiments.	02/2024 — 11/2024 <i>Manouba Campus</i>
Virtual Reality Developer / Co-Founder <i>Epic Valor X</i> <ul style="list-style-type: none">Learned the basics of creating VR projects using Unity and C#.Gained familiarity with Unity's XR tools to create VR experiences.Collaborated with others to integrate basic design elements into VR projects.	02/2024 — 07/2024 <i>City of Culture Tunis</i>
Mobile Developer / Internship <i>CompiTechnology</i> <ul style="list-style-type: none">Developed a Food Recommendation Mobile Application using Flutter.Leveraged a NoSQL database to efficiently store and manage the data.utilized Git (Bitbucket) for version control, ensuring seamless collaboration and code management throughout the development process.	02/2022 — 06/2022 <i>Online</i>
Mobile Developer / Internship <i>GPPO consulting</i> <ul style="list-style-type: none">Developed a mobile application using Java.Incorporat mobile sensor data – specifically, accelerometer readings.Programmed a user-interface that translated this data into meaningful actions within the application.	07/2021— 08/2021 <i>Online</i>

PUBLICATION

Montassar Mastour and M. Farah, "Bag-of-Visual-Words Feature Extraction using Graph Convolutional Networks," in *2024 IEEE 7th International Conference on Advanced Technologies, Signal and Image Processing (ATSIP)*, vol. 1, pp. 536–541, 2024. [\[Link\]](#)

CERTIFICATES

Generative AI with Diffusion Models (NVIDIA) CERTIFICATE	04/2025
Building RAG Agents with LLMs (NVIDIA) CERTIFICATE	04/2025
Building Transformer-Based Natural Language Processing Applications (NVIDIA) CERTIFICATE	06/2024
Applications of AI for Predictive Maintenance (NVIDIA) CERTIFICATE	06/2024
OCI 2024 Certified AI Foundations Associate (Oracle) CERTIFICATE	08/2024
XR Foundation Bootcamp (XR Bootcamp) CERTIFICATE	04/2024

ACTIVITIES

Was Member of:

• L'Association Tunisienne pour l'Intelligence Artificielle (ATIA) [Link]	2023-2025
• Fe3il.a Project [Link]	2023-2024
• Local Democracy Agency Tunisie [Link]	2021-2024
• The changers [Link]	2020-2024