Mohamed Anwer Guemri

Tunis, Tunisia | +216 92 940 340 | anouarguemri1@gmail.com
linkedin.com/in/anwer-guemri-259b5532b | github.com/anwrG-p

Professional Summary

AI Engineering student with strong leadership experience in technical teams, specializing in machine learning, deep learning, and full-stack solutions. Experienced in building autonomous systems, automations, and multidisciplinary engineering projects focused on robotics and computer vision.

Technical Skills

Languages: Python, C++, SQL, JavaScript, LabVIEW, Bash
AI/ML: PyTorch, scikit-learn, Computer Vision, Deep Learning, Model Optimization
Web/Backend: React, Node.js, Express.js, MongoDB, n8n (Automation)
Tools/Platforms: Linux, Git, Docker, Robotics Systems
Soft Skills: Leadership, Technical Pitching, Team Management, Project Planning

Key Projects

Fully Autonomous Disaster & People Detection Drone | *Python, Computer Vision, DL, Linux*
- Engineered a fully autonomous drone system designed for real-time disaster assessment and human detection.
- Spearheaded the model pipeline including data collection, setup, training, and hyperparameter optimization.
- Implemented rigorous system security protocols and deployed the solution on edge Linux hardware.

Full-Stack Automation Architectures | *n8n, Node.js, React*
- Designed and deployed complex automation workflows integrating multiple APIs for business logic optimization.
- Developed custom full-stack web interfaces to monitor and control automation processes.

Experience

Tech Lead — 2023 – Present
Freelance Projects (Automation & Web) — *Remote*
- Directing a technical team of 5 developers in building scalable web solutions and automation workflows.
- Managing full client lifecycle from requirement analysis and technical planning to final deployment.
- Optimizing development pipelines, resulting in faster delivery times and higher code quality.

Co-Founder & Aeronautics Branch Lead — 2022 – 2024
HIDE Tech Club — *Tunis, Tunisia*
- Supervised technical workshops and led multidisciplinary teams in aeronautics and robotics projects.
- Led the team to win **1st Place at Dronathon 2.0**, outperforming competing engineering clubs.
- Mentored junior members in flight dynamics, embedded systems, and project management.

Education

Higher Institute of Digital Engineering — Tunis, Tunisia
AI Engineering Degree — *2024 – 2029*

Habib Maazoun High School — Sfax, Tunisia
Mathematics Baccalaureate (Very Good Honors) — *2020 – 2024*

Languages & Interests

Languages: Arabic (Native), English (Fluent), French (B2), Spanish (A2)
Interests: Robotics, Aeronautics, Problem-Solving, Competitive Coding