

# KHALIL KRIFI

+216 28 042 451 ◊ Boumhal, Ben Arous, Tunisia

[khalil.krifi@ensi-uma.tn](mailto:khalil.krifi@ensi-uma.tn) ◊ [linkedin.com/in/khalil-krifi](https://www.linkedin.com/in/khalil-krifi) ◊ [github.com/DaLight1](https://github.com/DaLight1)

## EDUCATION

---

**Computer Science Engineering**, ENSI, University of Manouba  
**Engineering Preparatory studies**, IPEIN, Nabeul

Sept 2023 – Jun 2026

Sept 2021 – Jun 2023

## EXPERIENCE

---

**Software Engineer Intern — Fleet Management System** [↗](#)

Jul 2025 – Sep 2025

*Omnilink*, Tunis, Tunisia (remote)

- Built a scalable Fleet Management solution: containerized services (Docker), deployed on Kubernetes, and implemented CI/CD pipelines with GitHub Actions.
- Added performance and reliability features: Kafka for event-driven messaging, and Keycloak for SSO.
- Developed GraphQL microservices (Apollo Federation) with a Spring Boot backend and Angular frontend.

**Business Intelligence Intern — Oracle Analytics Server**

Jul 2025 – Aug 2025

*BFI Group*, Tunis, Tunisia (on site)

- Delivered Oracle Analytics dashboards for a central bank client and produced bilingual user/technical guides (FR/EN).
- Validated financial supervision formulas and ensured confidentiality and usability of BI reports.

**Research / Engineering Intern — Falsified Image Detection** [↗](#)

Feb 2025 – May 2025

*Laval University*, Quebec City, Canada (remote)

- Trained explainable image - forensics models (MobileNetV3, Optuna); used Albumentations for augmentation.
- Applied SHAP, LIME and Grad-CAM for interpretable outputs; integrated model into a Spring Boot + Angular web app and containerized it with Docker.

**Software Engineer Intern — Enterprise Content Management** [↗](#)

Jun 2024 – Aug 2024

*BFI Group*, Tunis, Tunisia (on site)

- Implemented an Enterprise Content Management web app (Spring Boot + Angular) with search/indexing (Elasticsearch) and role-based access control; data in PostgreSQL.

## PROJECTS

---

- **Rouli — Vehicle Rental App** [↗](#) — Full-stack app (HTML/CSS/JS/PHP).
- **Portfolio** [↗](#) — Personal portfolio site and front-end projects.
- **Discord — Profanity Banner** [↗](#) — Discord moderation/profanity banner tool for the Tunisian community.
- **Text Parser** [↗](#) — Text processing utilities / parser project.

## SKILLS

---

<b>Programming</b>	C, C++, Java, Python, JavaScript/TypeScript
<b>Web / Back-end</b>	React, Angular, Spring Boot
<b>DevOps / Infra</b>	Git, Docker, Kubernetes, GitHub Actions
<b>AI / ML</b>	PyTorch, Optuna, Albumentations, SHAP/LIME, Grad-CAM

## EXTRA-CURRICULAR & LEADERSHIP

---

- Wrote technical notes, and lead academic project teams (design, CI/CD, deployment).
- Active in ENSI social life; served as Treasurer of the IEEE ENSI Student Branch.