Jawhar Djebbi

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Summary

*An engineering student with a fervent interest in programming and software design.
I am committed to making a positive impact and contributing to a better world through the transformative power of technology.*

Education

- **National Institute of Applied Science and Technology** — **Tunis, Tunisia**
  Engineering Degree in Intelligent Systems — *2020 - 2025*

Experience

- **Octomiro** — **Tunis, Tunisia**
  Part Time — *September 2023 – Present*

  - implemented a native mobile app utilizing Google's ARCore for augmented reality. Captured depth and sensor data through phone sensors, transmitting it for central processing.

- **Octomiro** — **Tunis, Tunisia**
  Internship — *June 18, 2023 –September 15, 2023*

  - Designed an AI-powered computer vision system for warehouses, integrating real-time tracking, object counting, and dimension retrieval. Leveraged 3D depth cameras, implemented image segmentation, and super-resolution models. Seamlessly integrated with the warehouse database, optimizing asset management and reducing losses.
  - Conducted on-site visits to operational settings to evaluate the processing pipeline's performance and implement refinements based on identified errors and challenges.
  - Deployed API endpoints for rapid data transmission from warehouses to the central server, enabling timely insights for warehouse managers and enhancing operational efficiency.

Languages

- English (Proficient), French (Proficient), Arabic (Native)

Tools

- **Programming Languages:**
  Python, GoLang, Java, C, JavaScript

- **Web Frameworks:**
  Django, FastAPI, ReactJS

- **Message Brokers:**
  Apache Kafka, RabbitMQ

- **Operating System:**
  Linux

- **Version Control:**
  Git & Github

- **Other Technologies:**
  Docker, Kubernetes