ABDERRAHMEN AYEDI

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SUMMARY

First-year computer engineering student, passionate about developing and learning innovative technologies such as computer vision and AI.

ACADEMIC PROJECTS

KASPER WEBSITE DEVELOPMENT:

- Website showcasing my skills in HTML, CSS, and JavaScript (https://abdou-ayedi.netlify.app/)

LEONE WEBSITE DEVELOPMENT:

- Website showcasing my skills in HTML, CSS, and JavaScript (https://mr-abdou.netlify.app/)

FOOTBALL MATCH ANALYSIS SYSTEM BASED ON ARTIFICIAL INTELLIGENCE

- Development of a football video analysis system (tracking players, ball, referees, possession) using Python, YOLOv8, OpenCV, and Supervision. (https://github.com/Abdou-Ayedi/AI_Football#)

Development of an AI-Enhanced IoT Digital Twin Platform for Real-Time Health Monitoring

- Designed and implemented a real-time health monitoring platform integrating IoT devices, Eclipse Ditto, Apache Kafka, an AI anomaly detection model ,and visualized through Grafana dashboards and InfluxDB for continuous data analysis (https://github.com/Abdou-Ayedi/iwatch_simulator/)

EDUCATION

COMPUTER ENGINEERING AND APPLIED MATHEMATICS   **2024 - Present**
- National School of Engineers of Sfax

PREPARATORY CYCLE IN MATHEMATICS AND PHYSICS   **Juin 2024**
- Faculty of Sciences of Sfax

BACCALAUREATE IN MATHEMATICS   **Juin 2022**
- Med Ali Center High School, Sfax

ADDITIONAL INFORMATION

- **Programming Languages:** Python, C, C++, Java
- **Web Development :** HTML, CSS, JavaScript
- **Mobile Development :** Android Studio (Java)
- **Languages:** English, Frensh, Arab
- **Certifications:** Associate Data Scientist & PowerBi Fundamentals (DataCamp)