

# Mohamed Wassim Fekih

## Front-end Developer

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## EDUCATION

### Monastir Faculty Of Science

Bachelor Degree in Computer Science

November 2020 – May 2023

### Sayada Secondary School

Baccalaureate in Science

September 2019 – June 2020

## WORK EXPERIENCE

### Machine Learning Engineer Intern

SARTEX, ksar helal, Monastir

February 2023 – May 2023

- Collaborated within a team to develop an automated solution for defect detection in jeans, resulting in increased operational efficiency.
- Managed the data acquisition phase, capturing and labeling a wide variety of defect images to create a robust, diverse dataset for model training.
- Pioneered the application of a YOLOv5 model to the curated dataset, successfully achieving a model accuracy of around 80% mAP.
- Engineered a user-friendly interface using Python and Tkinter, enabling non-technical personnel to seamlessly utilize the machine learning models for defect detection.

## PERSONAL PROJECTS

### E-commerce Platform

[wassim-missguided.web.app](https://wassim-missguided.web.app)

[github.com/Epherum/Missguided](https://github.com/Epherum/Missguided)

- Leveraged ReactJS to architect a comprehensive overhaul of product strategies and web design for a popular e-commerce platform.
- Adopted an "animation first" design approach, facilitated by the Framer Motion library, promoting user browsing behavior and markedly amplifying overall engagement.
- Implemented advanced filtering and search functionality to manage thousands of product listings, leveraging Firebase's real-time database for faster search speeds.

### Bug Tracker Web Application

[zapperr.vercel.app](https://zapperr.vercel.app)

[github.com/Epherum/Zapper](https://github.com/Epherum/Zapper)

- Developed an efficient bug tracker system using NextJS and Firebase, offering a platform for effective project management and bug resolution.
- Implemented a robust authentication mechanism using nextAuth, supporting distinct user roles for refined access control and secure user operations.
- Utilized Firebase's advanced database capabilities to manage a complex data structure, allowing differentiated tracking for various teams within an organization.

## SKILLS & OTHER

**Programming:** Javascript, TypeScript, HTML/CSS, Python, SQL, MongoDB, Git

**Tools and Frameworks:** Nextjs, React, Firebase, Node, Python (Keras, Scikit-learn)

**English:** Fluent | **French:** Professional | **Arabic:** Native