# Mohamed Amine Maalej

Student in computer engineering, specialized in software engineering and business intelligence.

Passionate computer science student, thirsting for knowledge and skilled in problem-solving. With a strong background in computer science and a determination to stay at the forefront of technological trends, I look forward to applying my skills and adaptability to drive innovation and excel in the fast-paced world of computer science. Therefore, I am eager to apply my skills in an end-of-study internship to further enhance my practical experience.

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## EDUCATION

**Bachelor's degree in computer engineering.**
International Institute Of Technology ,Sfax

*09/2021 - Present*                         *Sfax ,Tunisia*

**Preparatory Cycle**
Preparatory Institute for Engineering Studies in Sfax

*09/2019 - 07/2021*                         *Sfax ,Tunisia*

## PROFESSIONAL EXPERIENCES

**End-of-Year Project Internship**
Digital Research Center of Sfax

*04/2023 - 06/2023*                         *Sfax,Tunisia*
*Tâches*

- Successfully developed and implemented the YOLO v8 deep learning model for pupil detection and tracking, demonstrating a strong command of advanced computer vision techniques.
- Achieving an exceptional accuracy of 72% in pupil detection and tracking ensures precise analysis of pupil constriction and dilation, with results consistently meeting or exceeding project requirements.
- The use of data preprocessing techniques to enhance the quality of input data, including noise reduction, image enhancement, and data augmentation, resulted in more robust model performance .

**Summer Internship**
MTD Group

*07/2022 - 08/2022*                         *Sfax ,Tunisia*
*Tâches*

- Successfully contributed to the end-to-end development of a web-based buying and selling application using PHP, demonstrating my proficiency in this technology .
- Designing and implementing custom modules within the application, thereby enhancing its functionality and meeting specific business requirements, demonstrating strong problem-solving skills .

## SKILLS

React   Node js   Laravel   Symfony   Angular
Java   Python   SpringBoot   PHP   UML
.Net   Flutter   GitHub/GitLab/Git
Machine Learning   Deep Learning   Teamwork
Critical thinking   Curiosity   Responsability

## ACADEMIC PROJECTS

CV Creator (03/2023 - 04/2023)
- Development of a mobile CV creation application using Flutter .

Angular Project (02/2023 - 03/2023)
- Development of an employee management web application based on Angular 13 framework and Firebase database.

.Net Project (01/2023 - 02/2023)
- Development of a sales and purchasing management web application based on the .NET framework.

Machine Learning Project (12/2022 - 01/2023)
- Development of a machine learning algorithm that estimates the happiness of the individual based on the factors of his life .

## CERTIFICATIONS

Buisness English Certificate

## LANGUAGES

Anglais
*Full Professional Proficiency*

Francais
*Professional Working Proficiency*

## CENTRES D'INTÉRÊT

Coding and programming

Passionate about technology   Web development

Community involvement