

# Jlassi Syrine

## Software engineering student

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📍 Marsa, Tunis, Tunisia

A Software Engineering student from Tunisia, actively seeking a graduation internship in software engineering. Highly motivated and dedicated, with a proven ability to learn independently and acquire new technical skills quickly.

## Projects

### Trading simulator

2023

- Developed a trading simulator app featuring two types of traders.
- One trader engages in random buying and selling activities, while the other employs a strategic approach.
- *Key words: C++, OOP*

### Design, conception and implementation of a mobile application

2024

- An application aimed at simplifying citizens' contribution to the well being of their community.
- It provides associations with the opportunity to organize and share their charity projects, allowing donors to get directly involved.
- *Key words: UML, Flutter, Firebase, MVC model*

### Medical clinic management application

2024

- Developed a Platform with the primary objective of effectively managing patients, medical files, appointments and everything related to medical clinics.
- *Key words: UML, C#, ASP .Net, MVC model, sql server, scrum, agile*

### Physics engine

2024

- Developed a physics engine to simulate realistic object interactions, including collision detection and response, gravity, and object movement.
- Implemented mathematical features, including vector operations and  $n \times n$  matrix calculations.
- *Key words: cpp*

### Augmented Reality Solar System Simulation

2024

- Developed an augmented reality solar system application using C# and Unity, providing an interactive and informative experience of planetary movements, characteristics, and facts.
- *Key words: C#, unity, ARcore, AR foundation*

## Experience

### intern, at cipi ACTIA, Tunisia

2023

- Engaged in an observational internship aimed at gaining insight and integrating into a professional work environment.
- Learnt about the assembling process of electronic cards and their use in different fields.

### Software engineering intern, at welyne fitsize, Tunisia

2024

#### Development of a Clothing Size Measurement Solution using Computer Vision

- Developed an automated system for measuring clothing sizes from images.
- Annotated different data for the classification and extracting landmarks data.
- The solution involved classifying clothing items, detecting landmarks, and converting measurements from pixels to centimeters using a reference card for accurate scaling.
- *Key words: python, opencv, mmpose, yolo, deepfashion2,*

## Education

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- **High School degree** 2016-2020
    - Major : mathematics
    - School: High school Saada Ali Douaji, Marsa, Tunisia
  - **Preparatory cycle for engineering studies** 2020-2022
    - Major : mathematics
    - School: Preparatory Institute for Engineering Studies of El Manar, Tunisia
  - **Engineering degree** 2022-present
    - Major : Software engineering
    - School: National School of Engineers of Tunis, Tunisia
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## Skills

- C - C++ - C# - .NET
- Java - Java EE - JavaScript
- SQL - noSQL - PL/SQL
- PHP - Symfony
- Flutter
- git - github - gitlab
- Unity - Figma
- UML

## Languages

- French: B2
- English: B2

## Interests

- Puzzles
- Collecting pictures
- Music, violin, piano
- Volunteering

## Associative life

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### Interact Club Tunis Cesar

- General secretary 2017-2018
- Member 2017-2019

### General and Geographic Free Open Source Software Club

- National School of Engineers of Tunis
- Member 2022-2023

### Un sourire pour tous

- humanitarian organization, Tunisia
- member: 2020-present