



FIRAS RIAHI

Computer Science Engineering Student

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📍 Ariana

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PROFILE

I'm a second year computer science engineering student with a strong set of technical and soft skills as well as the capacity to adapt to any situation. I make an effort to learn new things whenever I can in order to become the best version of myself.

EDUCATION

National Diploma of Engineering in Computer Science

National School of Computer Science (ENSI)

2022 - présent

Preparatory Cycle Diploma for Engineering Studies

Preparatory Institute for Engineering Studies (IPEIEM)

2020 - 2022

Classé 44ème sur 874 au concours national d'entrée aux cycles de formation d'ingénieurs, branche PT

Bachelor's Degree in

Technical Sciences

Hannibal Highschool Ariana

2018-2020

TECHNICAL SKILLS

Programming Languages:

C/C++, Python, JavaScript, Java, Dart

Frameworks/Libraries:

Flutter, Firebase, ReactJS, NodeJS, ExpressJS, Flask

Databases:

MySQL, MongoDB, SQLite3

Embedded Environments:

Arduino, ESP32, STM32

SOFT SKILLS

- Problem-solving
- Adaptability
- Teamwork
- Time management

LANGUAGES

- Arabic - Native
- English - Professional
- French - Intermediate

PROJECTS

Medica Consult (Flutter, Firebase)

An app that connects patients, healthcare providers, and pharmacies, streamlining medical services. It simplifies appointment booking with specialists and facilitates prescription medication purchases.

RAT (Python, Batch, Powershell, VBS)

A remote access tool that enables users to access and control a computer or device from a remote location over a network connection.

USB Rubber Ducky (Raspberry pi pico, Python)

A programmable tool that can inject keystrokes into a target computer and automate attacks.

Cheese Overdose (ReactJS, NodeJS, ExpressJS, MongoDB)

A website designed to boost a small business by selling cheesecakes online, it enhances visibility and sales through a user-friendly ecommerce platform.

Madara In Manouba (Unity, C#)

A 2D platformer game featuring the character Madara in the city of Manouba.

Brika (JavaScript, PHP, MySQL)

A platform where people can share and explore food recipes.

Line Follower Robot (C++, Arduino, ESP32)

Designed and developed a line-following robot with advanced PID control algorithms, enabling precise navigation along complex paths.

Game Station (C++, SFML)

An app showcasing four games: 2048, Snake, Sudoku, and Minesweeper.

EXPERIENCE

Summer Internship at SQOIN

July 2023

I was part of a team that developed a web app that helps clients perform blockchain related operations using simple text-based commands.
(MERN stack, typescript)

Summer Internship at RISE (Rida Industrial Systems and Equipment)

August 2022

I developed a stock management app to help the company manage their stock.
(Python, SQLite3, Tkinter)

ASSOCIATIVE EXPERIENCE

Ensi Junior Enterprise: member

2023-present

I participated in several projects, including the development of the EJE website and the creation of a recruitment platform.

Ensi Robotics Association: member

2022-present

I contributed to a project involving the construction of an RC plane and took part in several line follower robot competitions.

Open Source Software Ensi Club: member

2022-present

I conducted multiple workshops on web development for fellow members.

Ensi Competitive Programming Club: member

2022-present

I participated in multiple competitive programming competitions which in turn helped improve my problem-solving skills.