

SOUKAINA EL.FRIKH

Engineering student in
Embedded Systems and
Industrial Computing.



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 <https://soukaina-elfrikh.github.io/CV/>

PROJECTS

Academic Project

- Smart irrigation system associated with an application.
- Mario game in JAVA.

Web Development

- Personal website (HTML & CSS).
- Dice and Drum Kit Games (HTML & CSS & JS).
- Simon Game (HTML & CSS & JS (jQuery))

LANGUAGES

Arabic	<div></div>
French	<div></div>
English	<div></div>
Spanish	<div></div>

SOFTWARE

- Dev C++, Matlab/Simulink, LabView, Eclipse, IntelliJ, Pycharm, VisualStudio, Atom, CodeBlocks, CATIA V5, Proteus, ModelSim, MPLAB, Quartus, Cisco Packet Tracer.

EDUCATION

- **2022-2023** Engineering Cycle - Embedded Systems and Industrial Computing.
- **2020-2022** Two preparatory years at ENSA in Fes.
- **2019-2020** First year of MIP (Mathematics-Computer Science-Physics) at FST in Fes.
- **2018-2019** Baccalaureate - Physical and Chemical Sciences - With honors (Mention Très bien).

SKILLS

- **Operating Systems:** Linux, Windows.
- **Programming Languages:** C, C++, JAVA, Python, Assembly, Matlab.
- **Web Development:** HTML, CSS (Bootstrap), JavaScript (jQuery).
- **Hardware Description Languages:** VHDL.
- **Graphical Programming Language:** LADDER/GRAFCET
- **Buses and Communication Protocols:** TCP/IP, I2C, UART, SPI.
- **Electronic Card Programming:** Microcontroller (ARM), Microcontroller (AVR), Microprocessor (6809), Microcontroller (PIC16F887), Raspberry Pi, Arduino, FPGA.
- **Database:** SQL, MySQL.
- **Design of information systems:** Merise.
- **Product Design:** Catia.

EXTRACURRICULAR

- Active member of the HardSoft Developers club.
- Active member of the Sec.Ops club.
- Holder of a certificate of participation in the creation of the Association of Young Solidarity for Social Development.