

Nouha ROUIS

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Nationality: Tunisian

Engineering Student in Electrical Engineering

Education and degrees

- **2014-2017: Engineering degree in Electrical Engineering, ENIT (National School of Engineering in Tunis)**

Main projects:

- * **Project in Robotics:** Design and realization of a robot of monitoring based on STM32F4.
- * **Project in Automatic Control:** Realization of a numerical control system for a DC motor.
- * **Project in Image Processing:** Operations in image processing using the Microcontroller card DsPIC33FJ256.
- * **Project in Embedded Electronics:** Energy Monitoring on « Beaglebone ».
- * **Project in Automatic Control:** Design and development of a HMI for the supervision of a system using WinCC and the automate Simens S7-300.
- * **Final project year (2nd year of Electrical Engineering):** Control of a brushless motor
- * **Other project:** Speed drive

- **2012-2014: Preparatory studies ESSTHS**

Specialty: Physical Chemistry, Rank on National Exam: 114/926

- **June 2012: End of Secondary School in Mathematics-** Secondary School Farhat Hached M'Saken (Tunisia)

Training/Certifications

- **December 2015:** Certified training approved by the state on STM32F4

Professional experience

- **June-July 2016: Training period (2nd year Electrical Engineering)** within the ENOVA ROTOTICS Company (Sousse- Tunisia)
Project: Speed control by a PI controller of the Mini-Lab robot.
- **July 2015: Training period (1st year Electrical Engineering)** within the STIP (Tires Company (M'Saken- Tunisia)

Skills

- Programming softwares: C, C++, Maple, Python, MATLAB, MATLAB simulink, VHDL.
- Development software / Simulation: Maple, Matlab, PESIM, PSpice, STEP7, Origin, EAGLE, Codeblock , ST-link (Coocox, atollic, KEIL, IAR), Modelsim , Prezi, Turbo Pascal ,QT.
- Microsoft Office: Pack Office (Word, Excel, Power Point, Outlook).

Languages knowledge

- Arabic: Mother tongue
- French: Fluent
- English: Good Level

Others

- Civil society activities: active member in Electrical Engineering Club.
- Other activities: Reading, Listening to Music, Travelling.
- Forums on Internet: Specialized sites in Electrical Engineering.