



# ABID Abderrazek

## EDUCATION

ENGINEERING DEGREE IN  
AUTOMATION AND INDUSTRIAL IT  
INSAT 2019-2024

- Preparatory studies MPI 2019-2020
- specialized in embedded systems software 2021-2024

MATHS BACCALAUREATE

Ennasser Highschool  
Highest Honor

## SKILLS

- ROS(robot operating system)
- C/C++
- java
- SQL
- python/Django
- pytorch
- openCV
- raspberry pi/stm32/arduino
- solidworks
- matlab/simulink
- pygame

## LANGUAGES

- arabic
- French
- English
- german

Tunis

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I am an automation and IT engineering student at (INSAT), a maths and artificial intelligence enthusiast working to become a robotics entrepreneur

## Experience

- SPONSORING MANAGER--Aerobotix 2021-2022
- MEMBER ROBOTICS TEAM-- Aerobotix 2020-2022
- ROBOTICS INSTRUCTOR - AJST 2020-2021
- MEMBER ACM(Association for Computing Machinery)
- MEMBER OF THE TUNISIAN-INDONISIAN TEAM IN KIBO\_RPC3 (aerospace contest organized by NASA et JAXA)

## Personal Projects

- AUTONOMOUS ROBOT : ROS/stm32
  - room mapping
  - navigation et évitement d'obstacle
- Design and prototyping of a robot used in Non Destructive Testing in order to ensure measurement precision
- Face detection model using opencv
- Development of PID control system
- 3D designing and printing the robot's systems using solidworks
- Establishment of a to do list website using django
- Creating a flappy bird game and an AI genetic model which learn how to play it with python

## Achievements

- first to be qualified to Tunisia IOT and AI challenge with our project SAM
- 1st prize in the national contest of logic and mathematical culture
- 1st prize at eniso ROBOT'HACK
- 1st prize in BOTcamp 1st edition
- 3rd prize in ROBOlympics -2022