

ZAKARIAE HAMEDOUN

2nd Year at ENSIAS studying Embedded Systems Engineering

Every day brings something new and different and that surprise is motivating to me. I like learning new things that I never could have imagined I would have encountered or comprehended.



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🌐 zakaria-pro.github.io/

🐙 github.com/Zakaria-pro

EDUCATION

Mobile and Embedded Systems Engineering ENSIAS

2019 - 2022

Rabat

Courses

- ARM processors
- Machine Learning
- Formal Methods
- FreeRTOS
- Networking STP Protocol
- Distributed systems
- Mobile developement
- FPGAs
- Statistics
- C / Embedded C

Preparatory classes CPGE Omar Ibn Abdelaziz

2017 - 2019

Oujda

Courses

- Algebra/Analytics
- Mechanics
- Python / SQL
- Electricity

Bachelor Degree Lycée Technique of fes

2014 - 2017

Fes

WORK EXPERIENCE

First year internship CHU Fes

08/2020 - 09/2020

FES

Centre Hospitalier Hassan 2

Achievements/Tasks

- Building a web application where you can monitor the state of CHU servers in real-time.
- HTML, CSS, Python.

ORGANIZATIONS

Club Quran ENSIAS
Chief designer

CINDH
Active Member

ENSIAS Robotics
Former

SKILLS

C/C++/Embedded C

Python

Java

VHDL

Adobe Premiere

Adobe illustrator

PERSONAL PROJECTS

Visual Question Answering (04/2021 - Present)

- Respond to text-based questions on images
- Natural Language Processing & Computer Vision in one Place
- Reasearch & Developement
- Writing a Scientific Paper
- Team work

Obstacle avoidance using Q Learning (03/2021 - 03/2021)

- It was an AI competition where a robot car should learn to avoid obstacles based on its environment and using Q learning Algorithm
- Embedded Machine Learning

Handling Train Derailment problem using Deep learning (08/2020 - 10/2020)

- Data Science Workflow
- Supervised Machine Learning
- Transfer Learning : ResNet, MobileNet
- PYTHON / pandas / Keras
- Team work / Kaggle / LateX

Java Desktop Application (04/2020 - 05/2020)

- Bank Management System
- JAVA / SWING

CERTIFICATES / AWARDS

Python for Data science (05/2020 - Present)

Alphorm : ID 619651397

Win first prize in an AI Competition (05/2021 - 05/2021)

Team work, Clean code, Simplicity

LANGUAGES

English
Professional Working Proficiency

Frensh
Professional Working Proficiency

Deutsch
Elementary Proficiency

Arabic
Native or Bilingual Proficiency

INTERESTS

Football ⚽

Chess ♟

Design

Tripping