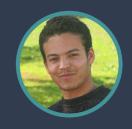
ZAKARIAE HAMEDOUN

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.



FES, Maroc

in linkedin.com/in/zakaria-hamedoun-6281b5195

0612151391

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

Python / SQL

Preparatory classes CPGE

Omar Ibn Abdelaziz

2017 - 2019 Oujda COURSES

Algebra/Analytics

Mechanics

Electricity

Bachelor Degree

2014 - 2017 Fes

Lycée Technique of fes

WORK EXPERIENCE

First year internship

CHU Fes

08/2020 - 09/2020 FFS

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

Elementary Proficiency Native or Bilingual Proficiency

INTERESTS

Football 🏵

Chess &

Design

Tripping