

# Mohamed Toumi

## Computer Scientist

I'm Mohamed Toumi, a self taught computer science enthusiast with the passion for technology, I have spent countless hours teaching myself computer programming, algorithms and data structures through online courses, books and hands on projects.



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📄 [portfolio-mohamed-toumi.onrender.com/](https://portfolio-mohamed-toumi.onrender.com/)

🐙 [github.com/ZeroDay0utplay](https://github.com/ZeroDay0utplay)

## EDUCATION

### Pre engineering - Math Physics Faculté des sciences de Monastir

09/2020 - Present

## PERSONAL PROJECTS

#### Image Compressor

- an image compressor using KMeans (Unsupervised ML algorithm) by reducing the number of colors of an image to a specified number (64 works fine). (Python)

#### Food Delivery App

- Full stack food delivery web app using HTML/CSS/JS for the frontend and expressJS for backend, MongoDB (atlas) as database

#### Advanced RAT

- Remote Access Trojan with multiple functionalities like opening target camera, screen sharing, key logging, voice capturing, reverse shell etc.. (Python)

#### Portfolio Website

- Simple dynamic portfolio website using HTML/CSS/JS/ExpressJS and MongoDB

#### Crypto Miner

- a persistent crypto miner malware written in C/C++ for mining XMR cryptocurrencies with features like persistence, decide automatically the number of threads used for mining (less suspicious).

## VOLUNTEERING

### Community Member MLACT

02/2023 - Present

MLAct is an ML Community that is officially supported by Google among 77 ML Communities in the world.

### Event Sponsorship Manager Google Developer Student Club

09/2022 - Present

ENIT GOT THE FLAG is a ctf competition.

### Member Google Developer Student Club

09/2022 - Present

University based community groups for students interested in Google developer technologies.

## SKILLS

C/C++

Python

HTML/CSS/JS

NodeJS

MongoDB

Linux

MySQL

TensorFlow/Keras

Google Cloud Platform

## ACHIEVEMENTS

#### IEEEEXTREME 2022

Ranked 61 in Tunisia in ieeextreme a competitive programming contest held by IEEE.

#### Kaggle Profile

<https://www.kaggle.com/zeroday0utplay>

#### Zindi Profile

<https://zindi.africa/users/ZeroDay0utplay>

## CERTIFICATES

#### Machine Learning Specialization

<https://www.coursera.org/account/accomplishments/specialization/certificate/QM5NT7CBB94E>

#### Google Cloud Platform

[https://www.cloudskillsboost.google/public\\_profiles/173ba8a1-b052-49d2-8b4c-08d1e1686873](https://www.cloudskillsboost.google/public_profiles/173ba8a1-b052-49d2-8b4c-08d1e1686873)

## LANGUAGES

English

Professional Working Proficiency

French

Professional Working Proficiency

Arabic

Native or Bilingual Proficiency

## INTERESTS

Competitive Programming

Problem Solving

Data Science Competing