

# MOHAMED BENCHOHRA

## Computer Science - Systems & Networks Specialty

☎ +213 550697642 | +213 783104852

@ fm\_benchohra@esi.dz

📍 Algiers, Algeria



## EXPERIENCE

### IoT & Machine Learning Intern

#### RESEARCH CENTRE FOR SCIENTIFIC AND TECHNICAL INFORMATION (CERIST)

📅 12/2019 - Ongoing 📍 Ben Aknoun, Algiers, Algeria

During the final year of my Computer Science Engineer degree, I am working on both my Master's degree and my final year project at CERIST which is about developing an access control system for smart buildings using joint facial and voice recognition.

- Company URL: <http://wsn.cerist.dz/>

### Backend Web Developer Intern

#### Center for Development of Advanced Technologies (CDTA)

📅 09/2018 - 10/2019 📍 Baba Hassen, Algiers, Algeria

The company was in the middle of a telemedicine project which aims to further integrate technology into medicine and allow healthcare to be available anywhere. My task was to develop the Videoconferencing module of the platform using WebRTC with NodeJS and SocketIO.

- For more information: [GitHub Repository](#)

### Android Developer

#### Ecole Supérieure d'Informatique (ESI)

📅 02/2017 - 05/2017 📍 Oued Smar, Algiers, Algeria

The project, named "Flore", is an Android Mobile Application that can recognize medicinal plants given a picture. The recognition process is done on-device to assure reliability all across the country to cover distant locations. The processing algorithm uses the OpenCV library for the different steps of the recognition.

- For more information: [GitHub Repository](#)

## SKILLS

### Software & Tools

Android Studio

Adobe XD

MySQL

UML

Unity 3D

Linux Command Line

MS Project

MS Office - PowerPoint

MS Office - Word

MS Office - Excel

### Programming

Java

JavaCC

C

C++

C#

Python

SQL

MatLab

### Web

JavaScript

HTML

CSS

Node.JS

Socket.IO

WebSocket

Firebase

Google Cloud Platform

## LANGUAGES

Arabic

Native

English

Proficient (C1 Level - TOEFL Certified)

French

Proficient (C1 Level - TCF Certified)

## EDUCATION

### Computer Science - Systems & Networks

#### Ecole Supérieure d'Informatique (ESI) - Specialty

📅 09/2018 - Ongoing 📍 Oued Smar, Algiers, Algeria

- During my final year, I am working on both my final year project and preparing my Master's degree thesis.
- The Master's is about facial recognition and voice recognition techniques, a state of the art survey.
- The final year project is an application of the Master's research to build an Access Control System as a Machine Learning Intern at CERIST.

### Computer Science & Mathematics

#### Ecole Supérieure d'Informatique (ESI)

📅 09/2015 - 06/2018 📍 Oued Smar, Algiers, Algeria

- This phase about Computer Science basics from memory manipulation and computing to compilation and how it works, software engineering, complexity, and the Theory of Programming.

### Mathematics

#### El-Moubayaa High School

📅 09/2012 - 07/2015 📍 Ghriss, Mascara, Algeria

## CERTIFICATIONS

#### TOEFL iBT - Test of English as a Foreign Language

Obtained Advanced C1 Level (Score : 99 / 120) - [Online Certificate](#)

#### TCF - Test de Connaissance du Français

Obtained Advanced C1 Level (Score : 500) - [Online Certificate](#)

#### CCNA 1 - Routing and Switching Introduction to Networks

[Online Certificate](#)

## ACTIVITIES / EVENTS

#### </> Junction 2019 - Helsinki, Finald

Europe's biggest hackathon in Helsinki, Finland  
- [Online Certificate](#)

#### </> Jacobs Hack 2019 - Bremen, Germany

A student organized hackathon in Jacobs International University.  
- [Online Proof](#)

#### </> Hajj Hackathon 2018 - Jeddah, Saudi Arabia

World's biggest hackathon, breaking the Guinness world record.  
- [Online Certificate](#)

## FIND ME ONLINE



GitHub

<http://www.github.com/medbenchohra>



LinkedIn

<http://linkedin.com/in/mohamed-benchohra>



Skype

benchohra-mohamed

## TRAINING / COURSES

#### ALC Android Developer Google Scholarship

[Online Certificate](#)

#### Cryptocurrency Foundations

[Online Certificate](#)

## AFFILIATION

### INJAZ El Djazair

📅 10/2017 - 04/2018 📍 Algiers, Algeria

🌐 <https://www.injazalarab.org/>

INJAZ El Djazair is a fraction of INJAZ El Arab, an organization supporting young people in MENA countries with entrepreneurship program. Our edition's team (ESI team) built a B2B platform for businesses to hire contractors for relatively short term projects or simply access to freelancers obtained through a guaranteed medium where due diligence and vetting were properly done.

- [Online Certificate](#)

### Jil Tarjih Leadership Academy

📅 02/2014 - Ongoing

Enrolled in a 15-year program split into three 5-year periods. Groups are assigned mentors to guide them. Most noticeable work done during the years :

- Raised money for a children's school
- Planning multiple visits to hospitals giving gifts to patients during the holidays because it's when they feel most disremembered and abandoned

### Irshad & Islah Association

📅 03/2012 - 02/2016

📍 Ghriss, Mascara

🌐 <http://irshed.org/>

This association's main goal is helping poor families, especially ones with orphans by buying and providing them with clothes, food and studying material.