MOHAMED BENCHOHRA

Engineer's Degree in Computer Science (ESI, Algiers) Specialty: Systems & Networks

+213 550697642 | +213 783104852

@ fm_benchohra@esi.dz

Algiers, Algeria



EXPERIENCE

IoT & Machine Learning Intern

Research Center For Scientific And Technical Inform (CERIST)

During the final year of my Computer Science Engineer degree, I worked 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)

1 09/2018 - 10/2019 Paba 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)

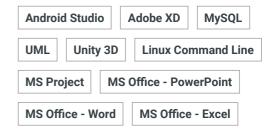
1 02/2017 - 05/2017 ♥ Oued Smar, Algiers, Algeria

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



Programming

Java	JavaCC	С	C+-	+ C#	
Python	SQL	MatLab		Lisp	
Prolog					

Web

JavaScript	HTML	CSS		Node.JS	
Socket.IO	WebSock	et	Fil	rebase	
Google Clou	d Platform				

LANGUAGES

Arabic	Native
English	Proficient (C1 Level - TOEFL Certified)
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French	Proficient (C1 Level - TCF Certified)

EDUCATION

Computer Science - Systems & Networks

Ecole Supérieure d'Informatique (ESI) - Specialty

- · During my final year, I worked on both my final year project and prepared 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)

 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

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

Cisco Systems, Inc. - 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 Certficate

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 Certficate

AFFILIATION

INJAZ El Djazair

Phttps://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

1 03/2012 - 02/2016 Phttp://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.