

Mehdi CHEBBAH

Data Scientist

I'll help you to hear the story the data says and make decisions based on that. Because at the end, my mission is to extract every single cent from your data.

✉ mehdi.chebbah.dev@gmail.com

📍 Tassift, Taher, Jijel, Algeria

🌐 mehdi-chebbah.ml/

🐦 twitter.com/MehdiCHEBBAH1

📖 stackoverflow.com/users/13340728/mehdi-chebbah

📞 0698428070/0798884773

📅 04 September, 1998

🌐 linkedin.com/in/mehdi-chebbah-b8092a147

🐙 github.com/MehdiCHEBBAH

📝 medium.com/@mehdi_chebbah

EDUCATION

Master Degree in Computer Science Higher School Of Computer Science ESI

10/2020 - 09/2021

Algiers, Algeria

Courses

- Types of intellectual property
- Academic writing techniques
- Advanced topics about NLP

Computer Science Engineering Higher School Of Computer Science ESI

09/2016 - 09/2021

Algiers, Algeria

Courses

- Databases
- Machine Learning
- Data Analysis
- Big Data
- Linux
- Algorithms
- Data structures
- Statistics
- Maths
- Full Stack Web Development

SKILLS

Data Analysis

Data Mining

Data Scraping

Data Visualization

Databases

Deep Learning

Machine Learning

NLP

REST APIs

UI/UX Design

Web Applications

CERTIFICATES

Certificate in Data Analysis (09/2017 - 04/2018)

I've been given this certificate For completing the **Udacity** course on **data analysis**. A part of the One Million Arab Coders program.

PERSONAL PROJECTS

sciREC (10/2020 - 09/2021)

- **sciREC** is a novel design and implementation of a hybrid scientific recommender system. While building this system, we were primarily interested in avoiding some of the design flaws and common deficiencies in previously implemented systems. The system also comes with a powerful tool that allows us to evaluate and improve it even after it goes into production.
- I've built a semantic similarity model, a topic modeling model, and I've applied my data scraping/cleaning/transforming skills.
- A full description of the project could be found [here](#).

WatchCovOut (10/2020 - 10/2020)

- WatchCovOut is a solution for monitoring and organizing COVID-19 cases.
- I was a Full stack Developer and my tasks were to develop the backend and admin dashboard of the platform.
- A full description of the project could be found [here](#).

PBlock 2.0 (01/2019 - Present)

- PBlock is a chrome based extension that allows the parents to protect there children online by blocking websites that contains unsuitable content for children. The app is part of InnovationLab (A UNICEF project) in the highest school of computer science in Algeria.
- I am the Project Manager and also a Developer of the extension.
- A full description of the project could be found [here](#).

Spiders

- I've been working for a while on data scraping-related projects.
- I scraped more than 100K articles from google scholar using Scholarly.
- I scraped more than 12K por**graphic website to create a model that can detect them using NodeJS.
- Created an automatic scraper that scrape Covid-19 related content from provided platforms (Facebook accounts, Youtube channels, and any website on the web) using google-it.

CoronaWatch (02/2020 - 07/2020)

- CoronaWatch is a platform for the Government to be able to fight against fake news about COVID-19 by publishing official numbers, articles written by scientists, by gathering news from reliable sources, monitoring potential new cases, and many other features.
- I was on the backend team of the system and I was responsible for: Designing the architecture; Developing the backend; Write the documentation of the API; Write functional tests; Configure the application on Firebase; Build the Web Crawler; Deploy the application; Collaboration between Backend and frontend teams; Lead of the backend team.
- A full description of the project could be found [here](#).

WORK EXPERIENCE

Data Scientist

Freelancer @upwork

01/2021 - Present

I've been working in various data related task, starting from scraping to making ML/DL models for solving business problems to academic writing.

Achievements/Tasks

- Scrap all type of data from web.
- Make ML/DL models to solve business problems.
- Academic writing in the field of data science.

Web Developer

Freelancer

07/2018 - Present

Achievements/Tasks

- Websites for variant companies: [Madi Carbon](#), [AQUA Group](#), [VIVATechnologies](#), [Mobile Tour](#), [IGILGILI Tour](#)

VOLUNTEER EXPERIENCE

Project Manager & Developer

InnovationLab (A UNICEF organization)

09/2019 - 05/2020

Algiers, Algeria

I was the leader and project manager and also a developer of the project PBlock 2.0 which aims to automatize PBlock using techniques of Machine Learning.

Backend Web Developer

InnovationLab (A UNICEF organization)

09/2018 - 07/2019

Algiers, Algeria

I was the co-founder and the developer of backend of the project PBlock which aims to make the internet more secure for kids by removing inappropriate content.

TECHNICAL SKILLS

Data science Basics

Python, R, Jupyter, Colab

Data Visualizing

Matplotlib, SeaBorn, MetaBase

Databases

SQL/PLSQL/SQL3, NoSQL, Cypher

Data mining

Scikit Learn, NLTK, Spark/Mllib

Engineering

Data Structures, Algorithms, SOLID Principles, Design Patterns

DevOps

Microservices, Git/Github, Docker, Docker Compose

Backend

Node.js, Express.js, Firebase, Strapi, EJS, Sequelize

Frontend

HTML5/CSS3/JavaScript, JQuery, Bootstrap, Figma

Data Scraping

Selenium, Google-it, Cheerio, Tor proxy

PERSONAL PROJECTS

What's This (10/2019 - 10/2019)

- What's This is a Mobile Application that aims to help visually impaired people in our country to do some painful daily tasks.
- The App won the third price in the GDG's DevFest Hackathon.
- I was a Mobile Developer at the team.
- A full description of the project could be found [here](#).

ML models

- A classifier for Tunisian dialect with > 85% accuracy using only ML techniques. (Part of a hackathon)
- A semantic classifier for Arabic comments ([Here](#))

My Blog (10/2019 - Present)

- I've been writing lot of blog posts in [my blog](#) explaining some Data science related topics, and trying to realize some mini-projects that helps to better understand what I learned and also helps new incomers to the field to figure out there way.

HONOR AWARDS

5th place in ACPC hackathon (12/2020)

AFRICA & ARAB Collegiate Programming Championship

- We won the 5th place in the ACPC hackathon 2020 edition for problem solving.

Participation Certificate in HackAlgeria (08/2020)

FCE Algiers

- For participating in the online hackathon with our application **WatchCovOut**, a platform that helps the government to control the spread of COVID-19 using a mobile app installed on people's phones.

InnovationLab Certificate (09/2018 - 06/2019)

ESI-InnovationLab-UNICEF

- I've been given this certificate because i was a part of the team developing the project **PBlock** in the field of humanity and children online protection.

3rd Place at DevFest Hackathon (10/2019)

GDG Algiers

- We won the 3rd price in DevFest hackathon 2019 for our project **What's This**, a mobile app that aims to help visually impaired people in doing difficult daily tasks that seem to be simple for us.

LANGUAGES

Arabic

Native or Bilingual Proficiency

English

Full Professional Proficiency

French

Professional Working Proficiency

INTERESTS

Academic Writing

Arabic NLP

Data Science

Kung Fu

Web Solutions

العلوم الشرعية