

# Akli Yalaoui

## Computer science student

I am an ambitious person with a fast learning curve, I like creativity and solving complex problems both in computer science and every day's life. I am a fourth year student at Higher National School of Computer Science Algiers (field of intelligent systems and data), I am passionate by AI and web development



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## EDUCATION

### Mathematics

Maouche Idris Bordj Mira High School

09/2015 - 06/2018

Bejaia, Algeria

### Computer science

Higher National School Of Computer Science

09/2018 - Present

Algiers, Algeria

## EXPERIENCE

### Web developer intern

Adsil

09/2021 - 10/2021

Algiers, Algeria

A company that offers transports services such as deliveries, taxis, Buses . . .

#### Achievements/Tasks

- Building the main website that represents the company with ReactJs
- Data scraping in order to make a market study for the existing solutions
- Participation in the process of making the business case of future projects

### MERN stack Freelancer

Freelance

09/2021 - Present

#### Achievements/Tasks

- Building User interfaces - Fronted development
- Designing and building backend APIs
- Building full stack applications

## SKILLS

Python

C

Html & Css

Javascript

ReactJs

ExpressJs

SQL

MongoDB

Neural Networks

NLP

ML

Data analysis

## PROJECTS

### Personal Project (07/2021 - 08/2021)

- A social network application that implements all the important features of nowadays social media applications, including real time face call, text chatting, real time notifications, friends requests, profile managements, real time comments and likes on posts and even a dark mode.

### Youtube's Comments Analyzer (05/2022 - 05/2022)

- A browser extension that gives statistics about the polarity of the current video's comments and also the suggested videos in right side, it is based on a sentiment analysis model deployed on a flask server
- A web site built with react that provides the same features as the extension by just pasting the URL of the video

### Flow Shop Scheduling Problem (03/2022 - 06/2022)

- A new approach for the FSP problem :An hyper heuristic of selection of perturbative heuristics with an on-line learning technique
- Building a web platform that lets a user upload an instance of the problem and choose from 8 algorithms (Branch and bound, NEH, Palmer, CDS , Tabu search, GVNS, the proposed hyper-heuristic) to solve it or compare between the algorithms for the given instance of the problem

### Community Detection In Networks (02/2022 - 06/2022)

- Comparing with the state of the art solutions : Louvain, Leiden and Ga-Net algorithms
- A new approach for the detection of communities problem : Embedding K-means and Q-Learning in genetic algorithm (GA-NET)

## CERTIFICATES

### Data Scientist With Python From DataCamp (03/2022 - 06/2022)

The program teaches python, how manipulate, visualize and analyze data and using statistical, ML and NLP techniques on real world datasets

## LANGUAGES

TAMAZIGHT

Native or Bilingual Proficiency

ARABIC

Native or Bilingual Proficiency

FRENCH

Full Professional Proficiency

ENGLISH

Full Professional Proficiency