

SOFYAN MAHMOUD EL-SAYED

El-Haramen pharmacy street, Burtus, Awsim, Giza

(+20)1158025968 ♦ sofyan1020@gmail.com

[Github](#) ♦ [LinkedIn](#)

CARRIER OBJECTIVE

To work for an organization as a software development engineer which provides me the opportunity to improve my skills and knowledge to grow along with the organization objective.

EDUCATION

Graduated from Cairo University Faculty of Engineering Computer Engineering Department.

August 2016 - August 2021

Cumulative grade: Very Good.

Graudation project: Excellent

Most important projects in faculty

- GP - Weather awarress and weather enhancement in autonomus car
 - The idea of the project is to detect the current weather e.g (snowy, rainy, night, foggy etc...) given stream of images from camera, and then enhance this adverse weather
 - The work depended on (Image processing, DL, CNN, GANS)
 - The technologies and languages we used are (Colab, Tensorflow, Keras and python)
- Search engine indexer - using (Java, MySql) Uploaded to [Github](#)
- Bubble sheet corrector - using (Python, OpenCV) Uploaded to [Github](#)
- Matchera (Website's API — Back-end) - Using (PHP, Laravel, SQL) Uploaded to [Github](#)
- OS-Scheduler - Using (C++,Python) Uploaded to [Github](#)
- OS-Kernal simulator - Using (C++).
- Souq.com application - Using (C# , SQL)
- Memory game - Using (Arduino)
- Reminder App - Using (Android)
- PDP-11 processor - Using (VHDL).

Graduated from Ports high school (2016):

- Grade 99 %

SKILLS

Web:

- **Back-end** : Laravel, php
- **Front-end** : HTML4/5, CSS, JS (basics, Dom, Bom, ES6), React
- **Database** : SQL, MySQL

Programming

- **Languages:** C++, Python, Java
- **Computer science:** Algorithms, Data structure, Problem solving, OOP, ML, CNN, DL
- **Other:** Regex, Shell script, Command lines, Git & Github, Touch typing(70 wpm)

OS : Linux, Windows

Languages: Arabic (Native), English (Very good.)

INTERNSHIPS

- Software development engineer at NajahNow company via ITIDA internship program
(July 2020 – September 2020)
 - In this period I worked on rebuilding the **back-end** and **front-end** of najahnow.net platform and enhancing it, I have changed the whole **dashboard** and about **50%** of the backend of the platform
- Team leader and code reviewer at NajahNow company . (July 2021 – present)
 - Team leader and coder reviewer for 40 engineers divided to 4 teams each team worked on different project/website
 - The used technologies are (laravel, React and React native)

WORK EXPERIENCE

- Software developer at NajahNow company: part time (September 2020 – March 2021)
 - After rebuilding najahnow.net platform in internships period, I started to add some features for the platform such as
 - * Quiz system
 - * Fawry payment & Wallet system
 - * Sending messages for users on whatsapp
 - * Deploying the platform on gcp
 - * And some small features

EXERCISE PROJECTS

- [Question Mark](#) - Back-end Using (PHP,Laravel) Uploaded to [Github](#)
 - Note: The free trial of database hosting has ended but you can see the website in this [Video](#)

EXTRA ACTIVITIES

- Computer head at IEEE (August 2020 – Current)
 - Computer head for workshops: {C++, Python, Front-end}
- Back-end instructor at IEEE (best member) (August 2019 – August 2020)
 - The sessions were about {Php, MySql, PDO}
- Physics teacher assistant (August 2016 – June 2017)