

SOFYAN MAHMOUD EL-SAYED

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[Github](#) ♦ [LinkedIn](#) ♦ [Leetcode](#)

CARRIER OBJECTIVE

Looking forward to earning the position of **Software Engineer** at a leading organization to showcase my technical skills in programming to generate high performance solutions to general software issues.

EDUCATION

Graduated from Cairo University Faculty of Engineering Computer Engineering Department.

August 2016 - August 2021

- **Cumulative grade:** Very Good.
- **Graudation project:** Excellent

Graduated from high school (2016): Grade 99 %.

EXPERIEECE

- Team leader and code reviewer at NajahNow company . (July 2021 – September 2021)
 - 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)
- Software developer at NajahNow company: part time (September 2020 – March 2021)
 - Use (Laravel, MySql) to add some features to [najahnow.net](#) platform such as
 - * Quiz system
 - * Integrate the platform with online payment (Fawry payment)
 - * Integrate the platform with whatsapp
 - * Deploying the platform on gcp
 - * And some small features
- Software developement 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
- 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}

SKILLS

Web:

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

Programming

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

OS : Linux, Windows

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

PROJECTS

- Graduation project - Weather awareness and weather enhancement in autonomous 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) [Repo](#)
- Bubble sheet corrector - using (Python, OpenCV) [Repo](#)
- Matchera (Website's API — Back-end) - Using (PHP, Laravel, SQL) [Repo](#)
- OS-Scheduler - Using (C++,Python) [Repo](#)
- OS-Kernal simulator - Using (C++).
- Souq.com application - Using (C# , SQL)
- Question Mark (Website's API — Back-end) - Using (PHP,Laravel) [Repo](#)
 - Note: The free trial of database hosting has ended but you can see the website in this [Video](#)