Youssef **Alwaer**

Computer Engineering Student

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EDUCATION

Cairo University Faculty of Engineering — BSc. Computer Engineering

2019 - PRESENT

Current Cumulative grade: Excellence (cumulative >85%)

EXPERIENCE

GSSOC Open source contribute

mars 2022 – June 2022

Achievements/Tasks

- Working with many small project on front–end team
- Participate in scripts project:
  - Develop script to prepare folders for send in one click

HPC Administration at AIC

july2022 – aug2022

Achievements/Tasks

- Administrate Linux system and its stages
- Install softwares as modules using easy build
- Configure cluster and create connection beteween it and computing nodes
- Create new users and magnae there QOS

PROJECTS

MYAO— *(11/2021)*
- A replica of Facebook with all the core features
- Lead the front-end development team.
- Design the database & Restful API.
- Technologies: react js – MySQL – Node js – Next js - MUI

YumMarke— *(08/2021)*
Its Restaurant website with all core features of talabat .
Role: Full Stack
Technologies / libraries: node.js – Mongo DB – React js - MUI.

WOOPS— *(06/2021)*

SKILLS

Programming Languages
- C/C++
- Java
- Python
- JavaScript
- Dart
- Assembly

Software Engineering Concepts
- OOP & Data Structures
- Algorithms & Problem-Solving
- Databases SQL
- Front-end Development
- Operating Systems
- Cloud Computing and DevOps Tools
- AWS, GCP
- Docker, Kubernetes
- Jenkins

Web Development
- HTML5 & CSS3
- React js & Next js
- Node.js

Other
- Linux, bash scripting
- Git
- MySQL, MongoDB
- ARM

Honors & AWARDS

Machine Learning research
Second Place Award 6th
Undergraduate Engineering
Mathematics Research Forum First

GSSOC 2022
Participated with Front end team for

Woops is a search engine implemented using Java and OOP concepts with a mobile app & Web interface using React js.
Role: Full Stack (focused on the search engine crawler). & Java (sprint boot)

Logic Simulator— *(04/2021)*
A logic simulator application for Windows written in C++ using CMU graphics library , Design and simulate circuits ,Save , Copy, cut and paste restore your circuits, Undo and redo your actions.

Assemble— *(04/2022)*
Game using X86Assembly between two computers with serial communication have two main parts: chat and game: chat is copy of whats app with core feature & game is composite between Assembly game to reach a goal target in other user memory or processor with points system with hunter game to try to hit the ball with one shot to earn points.

VOLUNTEER EXPERIENCE

Volunteer at the Egyptian Red Crescent Society

August 2018 – may 2019

- First aider and presenter against the dangers of dealing with fainting cases

develop general applications

Best first aider 2020
First place as a first aider at the governorate level

Nano Degree on Cloud
Get nano degree in cloud in udacity nano degree

LANGUAGES

Arabic
Native Proficiency
English
Professional Working Proficiency