

Doha Ramadan

doharamadan43@gmail.com

Cairo, Egypt | +20 114 244 3537 | [GitHub](#) - [Linkedin](#)

Extracurricular Activities

Web development committee member — Google Developer Student Club, Cairo University

Oct 2021 - Jul 2022

- Learned new tools such as Adobe XD for web design and Vue.js for web development.
- Helped in the development of the Google Developer Student Club – Cairo University – Faculty of Computers and Artificial Intelligence website.

Work Experience

Software Engineering Intern — Kites Software

Jul 2022 - Sep 2022

- Learned about software engineering cycle, user stories mapping, system architecture, quality attributes and test driven development.

Education

Bachelor's Degree in Computer Science — Cairo University (Cairo, Egypt)

Sep 2019 – Oct 2023

- Overall GPA: 3.45/4.0
- Key Classes: Data Structures, Design and Analysis of Algorithms, Database Management System, Operating Systems, Networks, Advanced Software Engineering, Design Patterns.

Projects

[Mobility App\[SOLID, Design patterns, SQLite, OOP, Java, Spring boot, Postman\]](#) :

- A ride-booking app where clients can ask for a ride and drivers can offer a ride.
- A project for Advanced Software Engineering course.
- Developed the core logic with team members.
- Integrated app functionality as web services using Spring boot and Postman.
- Applied SOLID principles and design patterns.

[Diabetics Prediction using Logistic Regression\[Python\]](#) :

- Graduation Project for Google Developer Student Club Machine Learning workshop.
- A Machine Learning model to predict whether a person is diabetic or not based on attributes describing aspects of each person's health using logistic regression.

[Online University Library Website\[HTML, CSS, JavaScript, Django\]](#) :

- A website to help student view the books in their university's library. Students can sign up, sign in, borrow a book, extend their borrowing period and return the book. Only the admin can add new books, modify or delete existing ones.
- A project for Web technology course.

[K-means Clustering Algorithm Implementation\[C, OpenMP\]](#)

[Library Management Website\[HTML, CSS, JavaScript, Django\]](#)

[DHCP Protocol Simulation\[Java\]](#)

[Knapsack Problem Using Genetic Algorithms\[C++\]](#)

Skills & Awards

Technical Skills:

- Knowledge and experience with software engineering concepts such as SOLID principles, design patterns, architectural patterns, and UML diagrams.
- Knowledge and experience with algorithms, big "O" analysis and data structures.
- Programming Languages: C++, Python, Java and JavaScript.
- Frameworks: Django, React, Vue.js.