

Omar Yassen Hussien

Egypt, Cairo | P: +20 1149240296| omaryassen99@outlook.com | [GitHub](#) | [Dribbble](#)

Job Objective

I'm a recent Computer Science graduate with specialized skills in front-end web development, UI/UX design, and coding instruction. Presently, I am enhancing these skills through an internship in the Headway program at Giza Systems. I am eager to secure a position as a front-end developer or UI/UX designer, where I can apply my academic knowledge and practical experience to contribute to innovative web applications in a reputable software house.

Experience

Python instructor – Techventure Academy

Sep 2023 – July 2024

- Teaching Python basics, Data structures, OOP, HTML and CSS to kids 10-18 years old.

Coding instructor – iSchool

June 2024 – Sep 2024

- Teaching Scratch and Python to kids 10-12 years old.

Front-end Developer and Ui Designer – Freelancing

2022 - Present

Projects

- **Top 10 Movies for Tarantino** (Website) Developed with HTML, CSS, and JS
-A tribute Website showcasing Quentin Tarantino's top 10 movies with detailed overview for each.
- **SecOne4all** (Website) Developed with HTML, CSS, JS and flask
-A website for anyone who needs to learn hacking or needs hacking services.
- **Broskies-yearbook** (Website) Developed with ReactJS
-A documentation yearbook for a few friends thorough their college life.
- **Group orders** (Website) Developed with ReactJS
-A user-friendly platform for easily splitting and calculating food prices for group orders, including taxes, ensuring transparent and hassle-free shared expenses.
- **N-Puzzle Solver** with C#
- Utilized two algorithms: A* (Manhattan distance, Hamming distance) and BFS.
- Efficiently solved the N-Puzzle problem in $O(E \log(V))$.
- **Kernel Memory Manager** with C
- Developed a memory manager to handle placement/replacement and page faults.
- **Solitaire game** with Java
- Developed a Blackjack game utilizing object-oriented programming (OOP) principles.
- **Cryptography Algorithms** with C#
- Implemented various cryptography algorithms to enhance data security.
- **AI fitness trainer** with Python
- An AI model used to help with the workout session by keeping track of exercise name, counts and movement.

EDUCATION

Bachelor of Computer and Information Science (IS Department), Ain Shams University, Cairo, (2020-2024)

Skills

Technical: HTML, CSS, JS, ReactJS, Figma, Git, Selenium web automation, UI/UX, .Net MVC, Python
Languages: Arabic and English.