Omar Yassen Hussien

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Job Objective

I'm a recent Computer Science graduate with specialized skills in front-end web development, UI/UX design, and coding instruction. 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.

Headway Program (UI/UX Designer) – Giza Systems   *Sep2024 – Feb 2025*
- Enhanced the AOUN Admin Portal and designed the Applicant Portal, focusing on user-centric interfaces and streamlined workflows.

Front-end Developer and Ui Designer – Freelancing   *2022 - Present*

Education

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

Projects (All and more are on dribbble and github)

- **Top 10 Movies for Tarantino** (Website) Figma, HTML, CSS, JavaScript.

  -A tribute Website showcasing Quentin Tarantino's top 10 movies with detailed overview for each.

- **SecOne4all** (Website) Figma, HTML, CSS, JavaScript and flask

  -A website for anyone who needs to learn hacking or needs hacking services.

- **Broskies-yearbook** (Website) Figma and ReactJS

  -A documentation yearbook for a few friends thorough their college life.

- **Group orders** (Website) Figma and ReactJS

  -A user-friendly platform for easily splitting and calculating food prices for group orders, including taxes,

  ensuring transparent and hassle-free shared expenses.

- **Onerhythm Dashboards**   Figma

  - Designed a modern, sleek dashboard for a Saudi-based startup, focusing on intuitive UX and real-time

  analytics.

- **Ai Startup Landing Page** Figma

  - Designed dark-themed, responsive landing page designed for an AI startup. The page features a modern and sleek aesthetic with a focus on showcasing the power and potential of the AI technology.

- **Wholesale Supply Mobile App** Figma

  - Designed and developed a complete mobile application from scratch for Al-Ahly Momkn, enabling users to browse and interact with various wholesalers, compare products, and place orders seamlessly through a user-friendly interface.

- **HawkEye AI Tool website** Figma

  - Designed a website for the commercial team at Solutions by STC to showcase and support their AI-powered proposal generation tool.

- **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.

Skills

Technical: HTML, CSS, JS, ReactJS, Git, Selenium web automation, Figma, Sketch, User Research, UI Design, Wireframing and Prototyping, Responsive and Mobile Design, User Testing and Evaluation.

Languages: Arabic and English.