Muhammad Alaa

Electrical Engineer | Front-End Web Developer

A motivated person who is willing to go above and beyond on any project and to learn valuable skills on my own time.





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in linkedin.com/in/muhammadalaa84



01024183247



github.com/muhammadalaa20

EDUCATION

Electrical Engineering

Faculty of Engineering Alexandria University

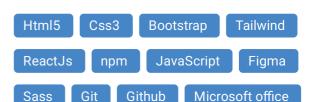
06/2016 - 06/2022

Alexandria, Egypt

Department

Communication and Electronic Department

SKILLS



PROJECTS

Single page Portfolio (Muhammad Alaa) (06/2024 - Present)

- Building a single page web application which is my portfolio to show my ability to use the skills mentioned in the CV
- Deployed on GitHub pages and Netlify
- https://muhammadalaa84.netlify.app/
- https://github.com/muhammadalaa20/Muhammad-Alaa

Weather web application (09/2023 - Present)

- A responsive weather web app using openweathermap free api and showing the weather for some of the most famous cities around the world.
- https://github.com/muhammadalaa20/newWeatherApp

Responsive NFT site (06/2024 - 06/2024)

- A responsive NFT site for all screens
- https://github.com/muhammadalaa20/NftProject

Load Management (Graduation Project) (11/2021 - 07/2022)

- We consider the problem of mobility load management (balancing) in cellular LTE networks.
- "Mobility Load Management in Cellular Networks: A Deep Reinforcement Learning Approach": We propose a comprehensive deep reinforcement learning (RL) framework for steering the cell individual offset (CIO) of every pair of cells.
- Optimized Power and Cell Individual Offset for Cellular Load Balancing via Reinforcement Learning": In this work, we propose a joint power levels and CIOs optimization using reinforcement learning (RL).

CERTIFICATES

Professional Front-End web developer (Udacity) (08/2022 - 09/2022)

CSS, Website Layout, Website Components. JavaScript & the DOM. Web APIs and Asynchronous Applications. Build Tools and Single Page Web Apps.

Web Development challenger track (Udacity) (07/2022 - 07/2022)

The web and Html. styling with CSS. vs code and JavaScript.

Programming with JavaScript (Meta) (08/2022 - 08/2022)

Creating simple JavaScript codes. Creating and manipulating objects and arrays. Writing unit tests using Jest.

Version Control (Meta) (08/2022 - 08/2022)

Implement Version Control systems. Navigate and configure using the command line. Use a GitHub repository. Manage code revisions

LANGUAGES

Arabic

English

Native or Bilingual Proficiency

Full Professional Proficiency

Spanish

Limited Working Proficiency

MILITARY STATUE

completed