

Alhussien Rehan

Software engineer

As a recent Computer Science graduate, I'm eager to leverage my technical skills to craft exceptional user experiences. I'm seeking a front-end development role where I can contribute to innovative projects and create visually appealing, high-performing web applications.

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EDUCATION

Bachelor of engineering - Computer science engineering

German University in Cairo

09/2018 - 09/2023

Secondary education - AS levels

Sohar international school

09/2014 - 04/2017

WORK EXPERIENCE

Angular front end developer intern Boyot

05/2024 - 05/2024

Garden City, Cairo

Achievements/Tasks

- Develop forum / post management system. Fetch posts from the api. Use paginator to align items along multiple pages based on the number of posts per page selected by the user.
- Retrieve and edit users posts using Angular Http client, Display proper error messages in case data retrieved had an error.
- Develop a todo app using angular with tasks persisting on the system and allowing users to add dates to tasks. Allow user to filter by due date, completed or not completed tasks.

Professional services department SWE intern ACT

08/2022 - 08/2022

Smart Village , Cairo

Achievements/Tasks

- Develop alongside my team a fullstack web application that connected to an application another department was working on to allow users to interact between the two applications with stable connection.
- Link a Machine learning Model that uses image recognition to detect fractures in building structures and using previous mentioned system it would alert users.

Junior teaching assistant - CS2 German University in Cairo

01/2020 - 06/2020

Achievements/Tasks

- Help students understand python fundamentals and grasp concepts they weren't able to understand.
- Offer help to students who reached out to me outside of the tutorial time to make sure if they struggled I was there to support them even after hours.

SKILLS

Java | Python | Angular | React | Javascript | Typescript

Cpp | C | Haskell

Git | vim | Linux CLI

HTML | CSS | Lua

Prolog | C# | Shell scripting

PERSONAL PROJECTS

CineSeek: Next.js Movie Search App

- Developed a visually engaging movie search application utilizing **Next.js**, **Tailwind CSS**, **React**, and **Zustand**, featuring a **neu-brutalist** design for a streamlined user experience.
- Enabled users to search for movies, displaying organized results with posters for intuitive selection.
- Implemented a favorites feature for users to save and access preferred movies on a dedicated page.
- Optimized performance with server-side rendering and efficient state management using Zustand.

Dwm dash_above active window

- Change default behavior of **linux's** dwm window manager to have a dash above active window instead of a whole colored block Giving the user a visually more appealing design as they work, Tech used **C**.
- Adjust my patch to cater Arabic language and other RTL languages.
- Optimize my patch to work with other patches such as awesomebar which is a famous dwm extension leading to an easy and seamless integration with each user's personal dwm setup.
- Get my patch merged on the main dwm website with my name and github being on it.

Angular simple todo app

- Create a simple todo application with minimalist design. Using **Angular's Material UI** whenever possible.
- Allow users to set dates to each task , filter tasks by due date, completion status using an intuitive design.
- Persist data on the system and allow users to delete tasks if they wish. Giving users power to leave completed tasks for future reference or simply deleting tasks based on their preference.

Angular post management system

- Retrieve posts data from backend api source using **Angular's http client**.
- Present the data fetched in a table using **Angular's Material UI** displaying appropriate error message in the case of unsuccessful data retrieval from the server.
- Allow user to edit posts and data persisting on the server upon saving changes.
- **Create simple tests** for each functionality to make sure each functionality works without bugs.

Etch a sketch

- Create using **vanilla javascript** alone a web app that allows users to draw on a whiteboard.
- Give user ability to change the thickness of the coloring pen into multiple values and having limits that the user cannot go above or beyond.
- Give the user different colors for the pen as well as a pencil effect where the more the user will apply paint over the more it gets darker.

Neosolarized.nvim

- Add intuitive support to use theme for non **Linux** power users by simply using the color-scheme leading to ease of access to beginner users.
- Add native support for **nvim's** lualine to change its color to the solarized palette reducing the work needed from a beginner user to adjust it.