

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

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.

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.
- Push the change to suckless git and it getting merged.

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.

Rock paper scissors

- Using vanilla javascript allow the user to play against the computer rock paper scissor with a simple UI
- Provide an appropriate message upon game end using a modal container.

Customize dwm window manager for linux

- Customize suckless dwm window manager for my own workflow on my linux mint.
- Push the change to suckless git and it getting merged.

Neosolarized.nvim

- Add intuitive support to use theme for non Linux power users by simply using the color-scheme command previously theme was set by a script
- Add native support for nvim's lualine to change its color to the solarized palette previously users would need to set a configuration manually each time in the .config directory