

Abdelrahman Mohamed

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PROFESSIONAL SUMMARY

- *CE with 3+ years of experience of coding in different languages like CPP, python, JavaScript and doing several projects with this languages in my study of computer engineering.*
- Full stack web developer and doing several Projects with react , MongoDB , SQL. Nodejs , express,Django
- Knowing well of Data structure, algorithms and how to implement and purpose of it.
- Demonstrates strong critical thinking, decision making, problem solving, time management, multi-tasking, and communication skills.

CORE PROFICIENCIES

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|------------------|--------------------|----------------|
| – JavaScript | – SQL & MongoDB | – Scikit-learn |
| – Python | – Html | – Bootstrap |
| – CPP | – CSS | – Postman |
| – Node.js | – Git & Github | – Sass |
| – Data Structure | – TensorFlow | |
| – Algorithms | – Machine learning | |
| – React | – Pandas | |
| – Redux | – Matplotlib | |

Projects

Building restaurant-web-application with React.js

2021-Present

- Split the web app into component and apply single page application concept by using react router
- Use the React Strap and Bootstrap to add some template user interface to my app with aid of CSS and html
- Apply the redux flux architecture into my app by applying create store and reducers and dispatch the actions into that store to add more control over my app
- Use the react-redux-form to add more controlled and uncontrolled forms to my app
- Apply middleware such as Redux Thunk to return a function instead of an action and add more control over dispatching the actions into reducers and store it into store.
- Use Fetch API to communicate from your React application with a REST API server
- Add subtle animations using the react-transition-group and Add additional component animations using react-animation-components
- [restaurant-app-with-react.git](https://github.com/abdelrahmanalgendy97/restaurant-app-with-react)

Movie-application-master with (express.js) (2022)

- Build a REST API using ExpressJS to manage the movie details. The Node application should be able to read the data from a .JSON file as a REST resource.
- Add new a movie, fetch all the movies, fetch a specific movie by id, delete a movie and update the details of a specific movie.
- Use axios to get , post , put , delete from database
- Add simple test program to test the result of API
- [movie-application-master](#)

authenticate-user-master with (express.js) (2022)

- Create an Express server to service requests from clients.
- Create controller, service, DAO and route layers for the users.
- Create controller, service, route layers for authentication.
- Modularize the routing process by declaring all the routes in the index.js file for users and authentication.
- The authentication middleware must contain code to verify the token, so the user is authenticated to log in to the application. Create an error middleware.
- Copy the token generated and send it in the header of the request in Postman after login to the application.
- Test the output in the REST Client Postman.
- [authenticate-user-master](#)

building a neural network that translates from English to German with tensorflow and encoder decoder model. (2021 – present)

- [Neural-translation-model](#)

Discrete Fourier Transform (DFT) Fast Fourier Transform (FFT) implementation in CPP

- [Digital-signal-processing.git](#)

Building Image classifier for the SVHN dataset with Tensorflow

- [image-classifier-with-tensorflow.git](#)

EDUCATION | CREDENTIALS

Bachelor of computer engineering Tanta university
Since 2015 -2021