

Gehad Hisham Shaddad

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<https://github.com/GehadHisham20>

<https://gehadhisham20.github.io/Portfolio/>

Education

Faculty of Engineering, Ain Shams University, Cairo

Major: Electrical Engineering; Minor: Computer and System Engineering

(Sep 2017 – July 2022)

Grade: Very good

Graduation Project

Smart Marketplace

- With MERN (mongoDB – express – react - nodeJS) technology.
- Have smart features like recommendation system beside basic features.

Technical Projects

Note App

- Mern stack project
- User can sign in, sign up, create note, delete note, and update note

Smart Login System

- Sign up and login system with simple validation system
- The system uses local storage to save user's page if the website has been refreshed.
- It's a practical application on HTML JS Bootstrap

Bookmarker

- Web app used for bookmark links focus on JS

- You can add, search, update, delete or visit
- It uses local storage to save bookmarks on your browser
- It validates inputs as the name must start with capital letter and the link must be reliable.

Morgan Portfolio

- A Responsive static web design
- It's a practical application on HTML JS Bootstrap

Angora Portfolio

- A Responsive static web design
- It's a practical application on HTML JS Bootstrap

Weather App

- RWD App used to display the weather of the current and the two days after it.
- The default location is Cairo but you can search of any location in the whole world.

KenKen Puzzle Game Solver (AI project)

- Python with GUI
- Solve puzzle using backtracking, backtracking with forward checking, and backtracking with arc consistency.

Lane line Detection and Object Detection (Image processing and ML project)

- Jupyter notebook
- Phase 1 image processing: identify the lane boundaries in a video from front-facing camera on a car.
- Phase 2 ML: Locate and identify the cars on the road using HOG features.

XML Editor

- C++ with GUI
- Checking for syntax errors, and edit them if any
- Formatting the file to decrease its size or make it easier to read

Technical Skills

Front-end: HTML, CSS, JavaScript, Bootstrap, jQuery, AJAX, Sass, React

Back-end: Node.js, Express.js, mongoose, SQL, Rest API, WebSocket, GraphQL

Programming Skills: C++, OOP, Data Structure

Soft Skills

- Time Management.
- Communication skills
- Adaptability

Courses

Front-end Development diploma in Route academy	cycle 37-2021
Back-end Development diploma in Route academy	cycle 38-2022

Extracurricular Activities

- | | |
|-----------------------|------|
| Awareness team member | 2019 |
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- Hayat medical caravan 51
 - Faculty of medicine Ain shams university

Languages

English: Good