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Education:

Faculty of Engineering, Ain Shams University: Senior Student at Computer and Systems Department.
Overall grade: Excellent with Honors

Projects:

- **Refactoring ACES website (https://acesegypt.org/), adding a new booth applicants registration system and adding a participant feedback system** using Django (python framework), Rest framework, ORM on top of PostgreSQL, HTML and CSS.

- **Udacity-FSND-Final-Project Casting Agency (https://casting-agency997.herokuapp.com/)** final project of FSND at Udacity A back-end web app made using flask, ORM on top of PostgreSQL, building APIs with documentation and testing, authentication using Auth0 and deployed to Heroku.

- **Fyyur Artist Booking Site** Building out the data models to power the API endpoints for the Fyyur site by connecting to a PostgreSQL database for storing, querying, and creating information about artists and venues on Fyyur using Flask.

- **Full Stack Trivia API** Building CRUD APIs with documentation, paging, filtering, and testing, Representing a question and answer with score game.

- **React-Redux-Would you rather** Udacity React nano degree project would you Rather a front-end application with fake Database to play would you rather game i built it using React, Redux, HTML5 and CSS3.

- **Twitter Like React-Redux Application Udacity Nano Degree** A simple twitter like application made using React and Redux in Udacity nano degree program i used fake data and listed it in the page and used Redux to store and receive the data and integrated it with React.

- **React -Udacity My Reads A** Udacity nano degree project made using React and integrates API from a live backend server made by Udacity it represents a library where you can add books to it by searching by name or author and this library has 3 shelves one called Currently Reading and one called Reading and the last one called Read.
  My job was creating the React application and integrating with the backend.

- **UdaciFitness** An android project in Udacity React nano degree program made using React Native and Redux in this app the user can save his progress daily in fitness activities in a calendar and the app also has a live tab where the user can see his altitude, speed and direction.

- **Udacity-Flash Cards** An android project in Udacity React nano degree program made using React Native and Redux this project is a game where the user makes different card decks that represents different categories, and the user can add to these decks cards which represents the questions and the answers where the user can flip the cards to know the answers.

- **Supermarket Cashier** GUI application made using C++, Qt and MySQL database.

- **Operating System Memory Manager** GUI application made using C++ and Qt Framework.

- **Operating System Process Scheduler** GUI application made using C++ and Qt Framework.

- **Inverted Index** GUI application made using C++ and Qt Framework.

Technical Skills:
- Full stack Web development (**Django**, **DRF, Flask, React, React Native, Redux**)
- Languages: **C++**, **Python**, **Java Script, SQL**, **HTML**, **CSS**
- Good knowledge in **Data Structures** and **Algorithms**
- Database: **MySQL, PostgreSQL**
- Deep knowledge in **C++ OOP, Python OOP**
- Good Knowledge in **C++ Qt Framework**
- Work with **Git** tools
- Good knowledge in **Linux** and **bash scripting**

Extracurricular Activities:
- IT member and delegated head at **ACES** (student activity)
- **Egypt Career Summit** organizer

Nanodegree:

Full Stack Web Developer:
https://graduation-api.udacity.com/api/certificate/EPPMS5AV/download

React Developer:
https://graduation-api.udacity.com/api/certificate/6UCJXMZG/download