



# Anas Hesham

## Software Engineering Student

### My Contact

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### Technical Skills

- Backend Development
- JavaScript (ES6, React.js, Node.js, Electron, React Native)
- Java (Spring, Swing)
- C# (ASP.Net)
- SQL (MySQL, PostgreSQL)
- Typescript
- HTML/CSS
- Problem Solving
- Git
- C++
- AVR
- Embedded C
- MatLab

### Soft Skills

- Observation
- Problem Solving
- Decision making
- Communication
- Multi-tasking

### Education Background

- Electronics, Communication and Computer Engineering  
*Faculty of Engineering Helwan university*  
09/2019 - Present  
Accumulative Grade (Very Good)
- Secondary School  
*El Redwan Private School*  
Completed in 2019

### About Me

Ambitious and approachable Software Engineer equipped with High knowledge about core Computer science principles, looking forward to improve my skills and gain as much experience and knowledge in Software engineering as possible.

Throughout my (6 years) Software Engineering learning journey, In order to improve significantly I have focused on writing as much code as possible while trying to achieve scalable and well-documented solutions.

### Professional Experience

#### Freelance Software Engineer

2021 – Present

- Worked on a food delivery application as a Backend Engineer team lead in a team composed of 6 members
- Developed a fully-customized point of sale and management system for a warehouse
- Been a part of team developing an E-learning platform for online courses and lectures
- Developed custom software solution for many clients using different technology stacks

#### Research Developer

2020 – 2022

WRL – Wireless Research Lab

Achievements/Tasks:

- Worked in a Learning Management System under the supervision of Dr. Mahmoud El Mesallawy the dean of the faculty.
- Used C# and ASP.Net as a backend framework in real projects.
- Supporting various team members to carry out research, and analyze their work.
- Developed a basic understanding of the different methodologies of project management.

Contact Dr. Mahmoud El Mesallawy

#### Embedded Systems Instructor

Aug.2022 – Oct.2022

Faculty of Engineering Helwan University

Was one of the instructors in the 3-month summer training provided by the faculty to the undergraduate embedded engineering students, and was responsible for teaching: (C Basics – Data Structures – Pointers – Embedded C – AVR Interfacing – Git/GitHub)

Contact Dr. Mohamed El Dakroury

### Personal Projects

- Resource Management Platform that holds team resources like links and files (React.js – Node.js – MongoDB – WebSocket – Tailwind – Authentication – Authorization – Push Notification)
- RC Car with hand gesture control (AVR – UART – Bluetooth Modules – Flex Sensors)
- Electronics Circuit Helper Application that helps electronics engineers find their components and all related information to it (React-Native – Node.js – PostgreSQL – WebScrapping)
- POS (Point Of Sale) and a Store Management System that can fit any type of store regardless of its purpose with a permission-based user service (Desktop GUI – Java Swing – MySQL – Authentication/Authorization)
- User Interface for Spectrometers (LabView – Arduino – VISA)