

Israa Mahmoud Awad Hussein

Personal Information

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Address: El Zaher , Al Sakakini

Date of Birth: 21-3-1997

Languages: Arabic (Mother tongue), English (Very good)

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GitHub: github.com/Helo88

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Education

BSc. Computer Engineering – Ain Shams University

(2015 -2020)

Accumulative Grade: Very Good

Projects

• Graduation project

- **Title:** Autosar Crypto Stack
- **Sponsor:** IHub.
- **Grade:** Distinct.
- **Description:** Implementing and handling synchronous crypto jobs (symmetric cipher-hash-mac) and key management services.

• Embedded Systems & C

- Smart home based on three subsystems using two TM4C123G Launchpads (TivaC) that will communicate with each other using UART, Motor, Temperature sensor, LED, Push buttons, (May-2019).
- Digital Counter system using TivaC, seven-segment displays, push buttons, Battery and Power switch, (March-2019).
- Smart RC-Car is controlled via Bluetooth using mobile phone, Temperature , Line Follower and Ultra-Sonic sensors using Arduino, (July-2018).

• C#

- CPU scheduling simulator, (2019).
- Memory allocation simulator, (2019).

• Python

- Udacity BikeShare, (Decamber-2020).
- Udacity Data Wrangling, (January-2020).

• C++

- Implement DES algorithm (2020).
- Solving problems on code forces, (2019).

• JavaScript (Dom)

- Udacity Landing Page, (2021).

• Express & Node Js

- Udacity Weather Journal App, (2021).

• PHP & MYSQL

- Booking Flights System, (2021).
- Courses Classes Students System, (2019).

Certificates & Lisences

- Udacity Web Development Challenging Track (November 2020)
- Udacity Data Analysis Challenging Track (November 2020)
- Udacity Data Analysis Nanodegree (December 2020 -January 2021)
- NTI Web Development using NodeJs and Angular (February 2021)
- Udacity Web Development Nanodegree (March 2021)
- LinkedIn Programming Foundations: Web Security (March 2021)

Skills

- | | | | | | |
|--------------|----------|--------------|----------|-------------------|---------------|
| • Java | • Html | • Express Js | • Python | • PHP | • Git |
| • JavaScript | • Css | • SQL | • Pandas | • OOP | • Windows |
| • C/C++ | • Nodejs | • Mongoose | • Numpy | • Data Structures | • Linux(kali) |

Extracurricular Activities

IHub[Innovation Hub]: Participant

(June 2016 to August 2016)