

Mohamed Abdelaleem

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🔄 MohamedAbdelaleem33

Education

- 08/2018 – 07/2023 **Bachelor of Engineering, SSP Computer & Communication**
Faculty of engineering – Alexandria University GPA: 3.07
- 2018 **High School, El Quds Language School.**
Score : 97.8%

Skills

- C, Embedded C programming language
- AVR Microcontroller Architecture
- Very Good Understanding of MIPS Assembly
- Strong Understanding of software engineering principles
- HTML & CSS
- Proteus
- AVR MCU Peripherals (EEPROM , LCD and Keypad)
- Good Knowledge with all Drivers for AVR
- Interfacing with MCU Peripherals
- HAL layer interfacing
- Python
- Javascript

Projects

- **Electronic Voting Machine**
Using ATmega32 controller and Drivers for button and LCD
- **Password Lock System**
Using ATmega32 controller and Drivers for Keypad, LCD and EEPROM
- **Front End in Car Renal website (Database Systems)**
Using React (HTML, CSS, and JavaScript as the core technologies)
- **DTMF code lock with ATMEGA16a (Embedded Systems)**
- **Front End in Educational Platform (Graduation project)**
Using React (HTML, CSS, and JavaScript as the core technologies)

Courses

- 08/2021 **Interfacing with the Arduino**
University of California, Irvine and offered through Coursera

03/2022

Introduction to the Internet of Things and Embedded Systems

University of California, Irvine and offered through Coursera

01/2023 – 05/2023

Embedded Diploma

Includes Introduction to Embedded Systems, Computer Architecture, C Programming Language, Data Structure and Algorithms, AVR Microcontroller Interfacing and Electronics Design Principles

Languages

- English
- German Basics

Professional Experience

07/2021 – 08/2021

IT engineer training in Samsung

08/2022 – 09/2022

Certificate of Training in GASCO : Control System