

Mohamed Salah Taman

Mobile: +2 01020886200

E-mail: mohamed.salah.taman@gmail.com

Address: 13th Neighborhood, Sheikh Zayed, Giza

LinkedIn: LinkedIn Profile.

Objectives:

Seeking for an opportunity in a leading company in embedded software. where I can apply what I have learned in large scale projects and help me to grow and develop my soft and technical skills by working with leaders and experts within the company.

Education:

Embedded & IoT Systems (6 months program) Scholarship. (2019).

- At National Telecommunication Institute (NTI).

B.Sc. Communications and Computer Engineering. (2014-2019).

- At (Higher Technological Institute) HTI, 10th of Ramadan.
- General grade: **Good**.
- Graduation Project's Grade: **Excellent**.

Embedded systems Experience /Projects:

❖ **Embedded Software Engineer at Amgad Medical Company.** (8-2020).

➤ Main Projects:

- **Phototherapy Equipment:** medical device controls and monitors the intensity of light and air temperature.
- **Human-Machine Interface (HMI)** using Touch-Screens to select, view and modify system data.

Responsibilities:

- Participating in the design of the software architecture for the application.
- Selecting the proper hardware components (Micro-controllers, Sensors and Motors ...etc.)
- Developing required drivers for the project (Touch Screen, PWM, Timers and UART).
- Participating in the testing activities of the product.

❖ **Embedded Software Trainee at National Telecommunication Institute.** (5-2019).

➤ Main Projects:

- **IoT/Smart greenhouse:** created a fully automated greenhouse that cultivates crops without human intervention. using (Wi-Fi, MQTT, Micro-controller and Humidity & Temperature sensors).
 - **Alarming Systems:** to monitor the Temperature and trigger types of alarms according to the system state.
 - **Embedded C -AVR ATmega128 drivers:** Wrote driver-level code for most AVR peripherals from scratch in a modular way. (SPI, I2C, UART, ADC, LCD, Keypad, Rotary Encoder, Timer & External Interrupts)
- Tools:** Atmel studio, Eclipse, Dock light, Pulse view, Code blocks, Logic analyzer.

Skills:

• TECHNICAL SKILLS:

- C-Programming Language.
- Embedded C.
- Microcontrollers ARM, AVR.
- Real Time Operating System (RTOS).
- Basics of Embedded Linux & Unix.
- Automotive Buses (CAN and LIN).
- Design Software State Machine.

• Languages:

- Arabic: (Mother Tongue).
- English: (Very Good).

Trainings & Courses:

Finished trainings & Courses:

1. Intro to programming in C specialization at **Coursera**.
2. Embedded System diploma at **Embedded Fab**.
3. Embedded software and hardware architecture at **Coursera**.
4. Introduction to embedded systems at **Coursera**.

Current trainings:

1. Embedded Systems Programming using **STM32** at **udemy.com**.

Internships:

- Automation Engineer trainee at **LG-Electronic** Company at 10th of Ramadan city. **2018**.
- Automation Engineer trainee at Elsewedy Energy Steel at 10th of Ramadan city. **2017**.
- Automation Engineer trainee at **Coca-Cola** factory Tanta. **2016**.

Personal information:

- **Nationality:** Egyptian.
- **Military status:** exempted.
- **Data of birth:** Jul 5, 1994.
- **Marital Status:** Single.