101456-TLC-7Fu-E-2018
Mobile Communication Engineer

Holds a B. Sc. in Communication & Electronics Engineering and has 1 year experience working in mobile communication field.

PERSONAL DATA

Nationality	:	Egyptian
Gender	:	Male
Residence	:	Giza, Cairo

EDUCATION

: B. Sc. in Communication & Electronics Engineering, MHI, 2018

LANGUAGES

Arabic	:	Native Language
English	:	Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: C-Language.
: Algorithms and Data Structure.
: Computer Architecture.
: Embedded C.
: Embedded Systems Software Design Using Architecture.
: Atmel (AVR) Microcontroller interfacing.
: Real-Time Operating Systems (free RTOS).
: Automotive Bus technology (CAN & LAN).
: Introduction to software testing Concepts and Techniques.
: ISTQB Foundation level.
: Effective Test Case and Bug Report writing Techniques.
: GSM/UMTS/LTE Architecture, Handling and Plaining.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2020 till Aug. 2020
Job title : Teacher Assistant
Job Description :
- Handle and Configuration GSM/UMTS/LTE.
- Training for Drive testing.

Dates : From Feb. 2019 till Mar. 2020
Employer : AFRO-EGYPT
Job title : Mobile Communication Engineer
Job Description : Measurement Handle Rf communication / GSM (900/1800) / UMTS (2100(F1-F2- F3)) / LTE & LRE+.

Projects:

- Drivers for AVR microcontroller (ATmega32):
  - MCAL: (DIO-ADC-TIMER-PWM-SPI-UART-TWI).
  - HAL: (LCD-TEMP SENSOR-7_SEGMENT-KEYPAD-LDR SENSOR-BLUTOOH).
- Smart Home: Deploying Static and Dynamic Architecture using AVR microcontroller (ATmega32) (DIO- ADC-UART-TIMER).
- Smart Traffic Lighting:
  - PIC16F877A (DIO-ADC-UART).
  - 7-Segment and LDR sensor.
- Remotely Operated Underwater Vehicle (ROV) (Graduation Project):
  - Arduino Mega (ATmega 2560-16MHZ).
  - Arduino Uno (ATmega328-16MHZ).
  - DIO-PWM-SPI-UART.

Skills:

- Technical:
  - C-Programming.
  - RF Handling.
  - Embedded Software Develop.
  - Embedded Software testing techniques.
- Microcontroller Interfacing:
  - Atmel AVR Architecture.
  - Microchip PIC Architecture.
- Tools and Standards:
  - Eclipse C/C++.
  - GCC Compiler.
  - Mikro-C.
  - Arduino IDE.