Contact

www.linkedin.com/in/

Top Skills

Embedded Devices

Serial Communications

Universal Asynchronous Receiver/
Transmitter (UART)

Languages

English (Professional Working)

Arabic (Native or Bilingual)

Certifications

SOLID Principles

edX Honor Code Certificate for
Introduction to Real-Time Systems

Honors-Awards

Line Follower Competition

Innovation Day 2.0

Innovate Programming Contest.

Mycah Everest

Embedded Software Engineer

Austria

Summary

An Experienced Embedded SW engineer who has been working in
diversified environments to design and implement SW components
that utilize the BLE stack (Bluetooth Low Energy), AutoSAR BSW
and apply improvements to the GPS fix performance (Global
Positioning System).

Experience

Tractive
Embedded Software Engineer
July 2021 - October 2023 (2 years 4 months)

- Responsible for the GPS stack for the main product of the company (TG4:
Tracker Generation 4)
- Design and implementation for GPS improvements using C++
- Responsible for quarterly objectives associated with GPS.
- Communicating with Ublox (external supplier) to discuss issues and receive
technical support.
- Traveled to Italy & Switzerland to attend workshops.
- Field issues investigation & Resolution.

Valeo
Embedded Software Engineer
May 2017 - May 2021 (4 years 1 month)

- Acted as a Coordinator to plan features, assign activities and follow up with
progress.
- Occupied the role of an integrator to review SW changes, integrate them and
deliver the customer release.
- Communicated with Customer & System team to discuss and clarify specs.
- Provided support for the teams in France, India & China.
- Design and implementation of several application components that utilize
AutoSAR BSW & BLE.
- Configured AutoSAR BSW modules such as: (Communication, Memory,
Diagnostics, OS, GPT)

(National Telecommunication Institute) NTI
Intern
June 2016 - January 2017 (8 months)

- English Language Course & Soft Skills.
- Embedded System Design with hands-on experience for working on projects that utilize Embedded C for developing applications that use serial communication protocols (UART, I2C, SPI), Free RTOS, with some exposure to Embedded Linux (raspberry pi).
- On-Job-Training with external partners for working on Testing and validation for their products (Exposure to ISTQB, Hardware testing)

Freelancer
Embedded System Trainer
April 2015 - May 2016 (1 year 2 months)
Cairo, Egypt

- Conducted Embedded Systems Training courses for topics like: C, Data Structure, Interfacing, Embedded C, and Serial Communication protocols.
- Included assignments and hands-on experience on HW kits.

EmbeddedFab
Trainee
November 2014 - February 2015 (4 months)

Attended a diploma that covered the basics of Embedded Systems such as: C Language, Data structure, Interfacing, Embedded C, Serial Communication protocols (UART, SPI, I2C) and exposure to RTOS.

SYSTEL
Trainee
August 2013 - August 2013 (1 month)
Smart Village

Basics of Mobile Communications, Antenna types,Two way, broadband and Microwave links.

Telecom Egypt
Trainee
July 2012 - August 2012 (2 months)
Minia

Basically, Communications using PSTN, Modulation and Demodulation schemes.

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Education

Minia University
Bachelor's Degree, Electrical, Electronics and Communications
Engineering · (2009 - 2014)