

Abdo salem

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<https://github.com/abdosalem490>

<https://stackoverflow.com/users/16305340/abdo-salm>

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Skills

Proficient: C, Java, C++, bare-metal, data-structures, bootloader, startup-code

Moderate: Selenium, Appium, SQL, Algorithms, TestNG, help other people (refer to my stack overflow answers)

Projects

Traffic light control:

https://github.com/abdosalem490/course_EGFWD_embedded/tree/main/01%20professional%20track/12%20Embedded%20Systems%20Project

- Made MCU that controls traffic using LEDs
- Pedestrians can pass by pressing the button
- The MCU reserves power by going to sleep when no action, most of the work is done after interrupt

Bank system:

https://github.com/abdosalem490/course_EGFWD_embedded/tree/main/01%20professional%20track/06%20C%20project

- People can make transactions and the data will not be lost even after the program is closed
- There's an admin who has a higher privileges
- People can accept or refuse transactions

Work Experience

Valeo embedded systems internship

Aug. 2021 – Sep. 2021

- Implemented some modules for stm32f407 to be integrated with a bigger project
- Have a glance at how to test your modules

Vodafone embedded systems Junior

Sep. 2021 – Sep. 2022

- Made some small projects to some clients like Orange and for some internal departments at vodafone
- Contributed to some big projects to international clients

Education

Udacity professional embedded systems nano degree

Sep. 2022 – Oct. 2022

Fastbit courses on Udemy

June. 2022 – Sep. 2022

AMIT embedded system diploma

Aug. 2021 – Jan. 2022