



Ahmet Furkan ERGAN

Senior Embedded Systems Engineer

Experienced Research And Development Specialist with a demonstrated history of working in the electrical and electronic manufacturing industry. Skilled in Embedded Systems, Product Development, IoT, Smart Buildings and Energy Efficiency. Quick to grasp new ideas and concepts, and to develop innovative and creative solutions to meet problems. Able to work well on own initiative and can demonstrate the high levels of motivation, possesses a strong ability to perform effectively.



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Phone Number



Istanbul, Turkey



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SKILLS

Embedded Systems

Analog and Digital Electronics Design

Microcontrollers C

STM32 ARM C#

TouchGFX C++

RTOS Keil HTML

Home Automation

PCB Design Proteus

Altium Designer

Git - SVN KNX

LANGUAGES

Turkish



English



WORK EXPERIENCE

Senior Embedded Systems Engineer

Interra Technology [↗](#)

02/2020 - Present

Istanbul, Turkey

Electronics R&D Responsible

Ecoplas Automotive [↗](#)

10/2018 - 02/2020

Kocaeli, Turkey

Achievements/Tasks

- Responsible for managing electronic projects and assembly line investment planning for designed products.

Embedded Systems Engineer

Panasonic Eco Solutions Turkey [↗](#)

05/2015 - 09/2018

Istanbul, Turkey

Achievements/Tasks

- Responsible for electronic scheme design, hardware and firmware development, functional tests, standard tests (EN) and documentation of embedded system projects.

Electronics RnD Engineer

Tekom Electronics [↗](#)

11/2012 - 05/2014

Kocaeli, Turkey

PERSONAL PROJECTS

Badio (10/2017)

- Portable pocket size bluetooth hd audio amplifier.

CZone (06/2018)

- WiFi home automation device with configurable sensor nodes.

EDUCATION

Electronics and Communication Engineering (PhD)

Kocaeli University Institute of Natural and Applied Sciences [↗](#)

01/2015 - Present

Kocaeli, Turkey

Electronics and Communication Engineering (MSc)

Kocaeli University Institute of Natural and Applied Sciences [↗](#)

09/2012 - 01/2015

Kocaeli, Turkey

Mechatronics Engineering (BSc)

Kocaeli University Faculty of Engineering [↗](#)

08/2007 - 02/2012

Kocaeli, Turkey