



Furkan Parlak

Research and Development Engineer
Embedded Software Engineer



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Ankara, TUR

Skills

PCB Design Applications

KiCAD Eagle Proteus Altium

Programming Languages

C C++ C# Python JavaScript
MATLAB & Simulink PLC Ladder Diagram

Other

Software Development Microcontrollers
Embedded Software Leadership IoT
Embedded Hardware RTOS ARM
WiFi ESP8266 ESP32 STM32
PIC Linux OTA Bare-Metal
Adobe Photoshop

Tools

GIT SVN MQTT Bitbucket

Language

Turkish English

Education



Electrical Engineers Bachelor's degree (B.S.) 09/2017-09/2021
Düzce University GPA:2.92

Work Experience



Research and Development Engineer 02/2022-Present
MK Mekanik Savunma Teknolojileri

Achievements/Tasks

I developed the Turret Stabilization Tester, Transmission Console Tester, Position transmitter for the Leopard 2A4 Tank for the Türk Silahlı Kuvvetleri.
KiCAD, AutoDesk EAGLE, Proteus, MC68HC912B32 Programming, STM32 HAL Lib. Programming, PIC Programming



Research and Development Engineer 07/2021-02/2022
Savandel Mühendislik Elektronik Kontrol Sistemleri

Achievements/Tasks

We made high speed flame detector, personal heater for FNSS and OTOKAR in with Forum Engineering. I've made PCB Design and PIC18F45K22 programming.

Community & Volunteering



Google Developer Groups 2018 - Present
Organizer



Düzce University Energy Community 2017 - 2020
President



23 Nisan Elementary School 2019 - 2020
Robotic and Coding Teacher

Awards & Competitions



TUBITAK Efficiency Challenge 2019
LODOS Electromobile Team (Team Captain) 11/93



TUBITAK Efficiency Challenge 2020
LODOS Electromobile Team (Team Captain) 10/105



IEEE & Autodesk DESIGNNOW 2021
Plant Irrigation System 1/77

References



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Contact details will be provided if you wish.