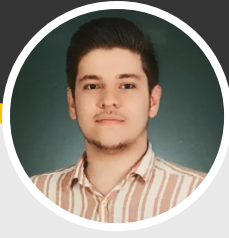# MUHAMMED FATİH TÜZ

Personal

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+905314519055

Email
m.fatihtuz@gmail.com

Date of birth
23-10-1995

Place of birth
Salihli

Gender
Male

Nationality
Turkey

Marital status
Single

Driving licence
A, B

Website
http://mfatihtuz.com/

LinkedIn
https://www.linkedin.com/in/muhammed-fatih-t%C3%BCz-9a4125151/

Interests

- Avionics Systems
- Artificial Intelligence (AI)
- Defence Industry
- Animation Design
- Photoshop
- General sports (Football, Basketball, Swimming)

Languages

English ●●●●●

CAREER GOAL

To serve the development of our country's technology and to contribute to the sustainable growth policy of the company I work with by using the theoretical and practical knowledge I have learned and the experience I have gained and will gain in the sector. My vision is to always look forward in my career to create a business with high added value in a competitive market.

FIELDS OF WORK

- Embedded systems
- Robotics
- Internet of Things - (IoT)
- Object Oriented Programming (designing GUI) - (OOP)
- Image Processing - (openCV)
- Digital Design - (VHDL)
- Mobile Application Development
- Electronic Circuit Design

FOREIGN LANGUAGE PROFICIENCY

- IELTS 6.5

PROJECTS

- Perpendicular Parking of a Car-Trailer System (STM32 & Arduino)
- Design and Implementation of a Digital Clock with Alarm and Displaying on VGA Monitor (VHDL - Spartan 3E)

INDIVIDUAL DEFINITION

- Respectful and strong interpersonal relationships with other people by communicating effectively with advanced communication skills.
- Being able to obtain creative solutions with high self-motivation, well-organized, and advanced analysis capabilities, and show them to people with strong presentation skills.
- Insistent on learning new methodologies and trends, and passionate about engineering.
- Good knowledge of the design, testing, construction, and maintenance of the electrical system.
- Proficient in the design, implementation, maintenance, improvement of equipment, facilities, components, products, and systems in electrical appliances and equipment.
- Completed an academic project on Embedded Systems and Robotics.
- Sufficient for coding and assembly of components to PCB.
- Specialist in the microcontroller-based electronic circuits.
- Suitable for a fast-paced work environment.

Detailed profile review can be found on my website http://mfatihtuz.com/. Also, the programming works such as the code snippets, projects, etc. can also be found at https://github.com/mfatihtuz.

Work experience

Intern   Aug 2019 - Sep 2019
Hyundai ASSAN, Kocaeli

Internships were completed in 2 departments, Maintenance / Repair and Facility Management.

Maintenance

- Completion of internship projects with Mitsubishi Q Series PLCs in the production line that provide automation

Facility Management

- Electrical maintenance and control of systems outside the production line
- Compensation studies in 154 kV Switchyard
- Preparation and presentation of projects about Building Automation Systems

Intern   Sep 2019 - Oct 2019

Akgün Elektrik Mühendislik San. Tic. Ltd. Şti., Denizli, Denizli

The internship in the field of Electrical Project Design was completed, and side work was done.

Projects

- Drawing the necessary architectural drawings and electrical lines of 2 residential projects, 1 + 1 and 3 + 1
- Factory project with 2 production sites and 1 warehouse
- 1 transformer project
- Calculating the voltage drop, short circuit, compensation, lighting required in the projects and determining the necessary equipment selection

Side Works

- Cathotic protection measurement
- Harmonic measurement
- Ground measurement
- Electrical Panel Controls

Education and Qualifications

Electrical Electronics Engineer   Sep 2013 - Nov 2019

Eskisehir Osmangazi University, Eskişehir

References

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Skills

Skill	Level
C/C++	● ● ● ● ●
STM/PIC/ARDUINO	● ● ● ● ●
Python	● ● ● ● ●
QT5	● ● ● ● ●
openCV	● ● ● ● ○
Wordpress	● ● ● ● ●
MS Office	● ● ● ● ●
AutoCAD	● ● ● ● ○
Proteus & Eagle	● ● ● ● ○
MATLAB	● ● ● ○ ○

KOTLIN ● ● ● ● ○

Blender ● ● ● ● ○ ○

Unity C# ● ● ● ● ○

Courses

C Language, Algorithms, And Data Structures Nidhal Abidi	2015
Tech Explorations™ Arduino Step By Step Getting Serious Dr. Peter Dalmaris	2016
Unreal Engine C++ Developer: Learn C++ And Make Video Games Ben Tristem, GameDev.tv Team, Michael Bridges	2016
Android Mobil Uygulama Kursu: Kotlin & Java MindUp Akademi, Atil Samancioglu	2016
Python : Sıfırdan İleri Seviye Programlama Mustafa Murat Coşkun	2017
Digital Electronics: Robotics, Learn By Building Module II Ian Juby	2017
Embedded Systems Programming On ARM Cortex-M3/M4 Processor FastBit Embedded Brain Academy	2018
Mastering Microcontroller With Embedded Driver Development FastBit Embedded Brain Academy	2018
**Unity C#	Sıfırdan 2D & 3D Oyun Geliştirme Eğitimi** Jankat Gürbüz, Gülnaz Tanbay	2018
Elektrik Kumanda Devreleri Ve PLC Programlama Temelleri Yusuf Kocaman	2019
WordPress Internet Sitesi Kurmak: Blog, E-Ticaret, Kurumsal WordPress Okulu, Fikret TOZAK	2019