



# ÜMIT GÜLER

## Electrical and Electronics Engineer

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<b>Date of Birth:</b>	08.12.1990
<b>Military Service:</b>	Completed (2017)
<b>Marital Status:</b>	Single
<b>Driving License:</b>	B
<b>Language Skills:</b>	English - Good Turkish - Native

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### CAREER OBJECTIVE

I have about 2 years of experience in my profession. I would like to utilize my skills and experience as well as my passion. Moreover, I would like to work with other professionals to improve my skills as an engineer which will allow me to further contribute in the field of engineering.

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### HIGHLIGHTS

- Software development in C and C++
- Object component-oriented software by using Atollic and Keil programs
- Design and printed circuit board by using Easy-PC and Proteus programs
- Brushless and brushed motors control
- System-level electrical design and integration
- Power systems
- Time management
- Data collection
- Be open to the ideas of others
- Advanced critical thinking
- Teamwork Skills

## **EXPERIENCE**

***August 2015 to January 2017***

**Frik Electronic, İzmir**  
**Research Development Engineer**

- Designed and printed circuit board by using EasyPc and Proteus.
- Software development in C and C++ language using Atollic and Keil program
- Built, tested and deployed scalable, highly available and modular software products.
- Worked closely with clients to establish problem specifications and system designs.
- Implemented Github, Gitlab and BitBucket for version control.

***October 2010 to August 2011***

**Frik Electronic, İzmir**  
**Electronics Technician**

- Soldering for maintenance of products
- Performed in-depth electrical acceptance testing of completed hardware, including continuity and high potential isolation testing.
- Monitored the manufacture of electrical devices and operations to ensure compliance with safety protocols.
- Applied principles of electrical theory to advance and improve product development and efficiency.
- Identified and solved electronic design problems, resulting in more efficient and cost-effective products.

***June 2014 to July 2014***

**Lenze | Automation World, İzmir**  
**Summer Intern**

- Developed controlling system for 3-phase electric motor.
- Software development for PLC
- Assisted in engineering projects for power systems.
- Modified and improved existing electrical drawings to ensure up-to-date technology and techniques are implemented.
- Identified and solved electronic design problems, resulting in efficient and cost-effective products.

***November 2009 to July 2010***

**Ege University, İzmir**  
**Laboratory Research Assistant**

- Carefully reviewed test results for accuracy.
- Properly calibrated and adjusted malfunctioning equipment to ensure precise test results.
- Maintained current knowledge of developments in technical instrumentation.
- Created worksheets and logged samples correctly into the computerized tracking system.

***July 2009 to August 2009***

**Başarı Technical Services**  
***Summer Intern***

- Assisted in engineering projects for telecommunication.
- Developing necessary skills in customer service
- Material identification in the local warehouse

***June 2007 to July 2007***

**Kontek Automation, İzmir**  
***Summer Intern***

- Learning about engine control systems
- Assembling the power unit
- Monitored installation and operations to consistently meet rigorous customer requirements.

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**PROJECT EXECUTED**

- Chef robot working with auxiliary arms (*Arduino programming*)
- Mini sumo and line following in robotics (*PIC programming in C language*)
- Blood Storage Cabinet with Data Logger (*ModBus Protocol with STM32, USB OTG Protocol in C++ language*)
- BLDC Motor Control Units (*CanBus Protocol with STM32 in C++ language*)
- Heated-cooling blankets
- Boiler Control Cards (*Programming STM8 series in C language*)
- Field Irrigation System (PIC programming)
- Establishment of AGV (Automated Guided Vehicle) control mechanism

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**EDUCATION**

2011 / 2015

**Ömer Halisdemir University**

Bachelor of Engineering (%30 English)  
Electrical and Electronics Engineering

2008 / 2010

**Ege University**

Associate Degree  
Telecommunication

2004 / 2008

**İTO Foundation Süleyman Taştekin Anatolian Vocational and Vocational High School**

Industrial Electronics

## **ACCOMPLISHMENTS**

- 3rd prize at Competition of “Ege University is looking for inventors”
  - Certificate of Honor from Ömer Halisdemir University
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## **INTERESTS**

Music, swimming, graffiti, making delicious dishes, scientific journals and robotic

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## **ACTIVITIES**

- International METU Robotics Days (2009-2010-2013)
  - ITU Robot Olympics (2009-2010)
  - IEEE RAS activities
  - Aselsan Technical Trip
  - Afşin-Elbistan Thermal Power Plant Technical Trip
  - Iskenderun Thermal Power Plant Technical Trip
  - Mersin-Akkuyu Nuclear Power Plant Information Meeting
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## **REFERENCES**

Assistant Lecturer Dr. Mustafa Berkant SELEK    (*Ege University*)  
**Phone:** 0542 267 24 76

Assistant Lecturer Dr. Kamil Fatih DİLAVER    (*Ömer Halisdemir University*)  
**Phone:** 0537 340 36 06