

# Utku Olcar

## Mechatronics & Robotics Engineer



### Contact

- ✉ utkuolcar@gmail.com
- ☎ +905448169951
- 📍 İstanbul, Turkey
- 🌐 utkuolcar.com/
- in linkedin.com/in/utkuolcar
- github github.com/utkuolcar
- 📷 instagram.com/utkuolcar
- 📺 youtube.com/c/utkuolcar

### Profile

Self-Motivated, Solution-Oriented,  
Multidisciplinary, Quick-Learner

### Skills

- Robotic Design & 3D Modeling
- Robotic Calculations & Math Modeling
- Robotic Operating System (ROS)
- Embedded System Programming
- PCB Design
- IoT, AI, Edge Device Solutions
- Game & Physics Engine Programming
- GUI (Linux, Windows) & AR/VR App.

### Experience

Chief Technology Officer (January 2019- Present)  
Brand Activation Product Developer (February 2017- January 2019)  
**Hisseli Harikalar Fabrikası**  
Istanbul, Turkey

Robotics Embedded Software Advisor (January 2021- June 2021)  
**Arche Robotics**  
Istanbul, Turkey

Intern Robotics Software Engineer (Long-Term) (June 2015- September 2015)  
**SANLAB Simulation**  
Istanbul, Turkey

Intern Assembly Engineer (July 2014- August 2014)  
**Bosch Rexroth**  
Bursa, Turkey

### Education

Mechatronics Engineering (2011-2016) - **Bahcesehir University**  
Istanbul, Turkey

Çanakkale Science Highschool (2007-2011)  
Çanakkale, Turkey

### Certification

Project Management Certification PMI approved (November 2020)  
**Istanbul Institute**

Microsoft Software Developer (.NET) (August 2015)  
**Bilgeadam**

ROS Simulating SLAM and Autonomous Driving a Robot (2020)  
**Udemy**

### Projects

- Teleoperation of Giant Robotic Hand (December 2019) - [Blog Page URL](#)
- Whole Body Teleoperation of Humanoid Robot (November 2017) - [Blog Page URL](#)
- Obstacle Avoidance - Kuka Iiwa Arm Project (February 2017) - [Blog Page URL](#)
- IoNeeds (Internet of Needs) open IoT Project (April 2015) - [Blog Page URL](#)
- Fully Autonomous Garbage Collector Robot Project (March 2014) - [Blog Page URL](#)
- Aquabooth - Underwater Photo Robot Project (August 2016) - [Blog Page URL](#)

