

## **Res. Asst. Emre YILDIRIM**

### **Personal Information**

**Email:** emrey@yildiz.edu.tr

**Web:** <https://www.emreyildirim.me>

**Address:** Yıldız Teknik Üniversitesi, Yıldız Kampüsü Makine Fakültesi, Mekatronik Mühendisliği Bölümü E2 Blok Biyomekatronik Araştırma Laboratuvarı Barbaros Bulvarı 34349 Beşiktaş/İstanbul

### **International Researcher IDs**

ORCID: 0000-0002-5293-7378

Yoksis Researcher ID: 316409

### **Education Information**

Doctorate, Yıldız Technical University, Faculty Of Mechanical Engineering, Department Of Mechatronics Engineering, Turkey 2022 - Continues

Postgraduate, Yıldız Technical University, Faculty Of Mechanical Engineering, Department Of Mechatronics Engineering, Turkey 2018 - 2022

Undergraduate, Yıldız Technical University, Faculty Of Mechanical Engineering, Department Of Mechatronics Engineering, Turkey 2013 - 2018

### **Dissertations**

Postgraduate, Design, Production and Control of an Ankle Rehabilitation Robot, Yıldız Technical University, Faculty Of Mechanical Engineering, Department Of Mechatronics Engineering, 2022

### **Research Areas**

Robotics and Mechatronics Systems, Human and Robot Interaction, Artificial Intelligence, Computer Learning and Pattern Recognition, Rehabilitation, Computer Aided Design and Manufacturing, System Dynamics and Control, Modeling and Simulation of Dynamic Systems, Biomechanics, General Physics, Physical therapy and rehabilitation

### **Academic Titles / Tasks**

Research Assistant, Yıldız Technical University, Faculty Of Mechanical Engineering, Department Of Mechatronics Engineering, 2020 - Continues

### **Refereed Congress / Symposium Publications in Proceedings**

#### **I. Development of an Ankle Rehabilitation Robot**

Yıldırım E., Akdoğan E., Özekli Mısırlıoğlu T.

International Eurasian Conference on Biotechnology and Biochemistry (BioTechBioChem 2020), Ankara, Turkey, 16 - 18 December 2020, pp.670-680

## **Patent**

Akdoğan E., Yıldırım E., Feeding Robot for Tetraplegic Patients, Industrial Design, CHAPTER A Human Needs, The Invention Registration Number: 2017/08056 , Standard Registration, 2017

## **Metrics**

Publication: 1

## **Awards**

Yıldırım E., Silver Medal, 7. İstanbul Uluslararası Buluşlar Fuarı, September 2022

Yıldırım E., Gold Medal, 3. İstanbul Uluslararası Buluşlar Fuarı, September 2018