

## Busra OZLU



**Date of birth** : 01/09/1995

**Address** : Viranşehir Mah, 34388 Sok Adonis Sitesi F Blok no:26  
Mezitli, Mersin, Turkey

**Mobile** : +90 (538) 5230311

**E-mail** : bozlu@etu.edu.tr / busraozlu17@gmail.com

### 1. OBJECTIVE:

Obtain a position as an intern in the field of regenerative engineering. I believe that this opportunity will equip me with sufficient knowledge to analyze and understand clinical approaches to solve health-related problems, and give me inspiration as a prospective engineer and scientist.

### 2. PERSONAL PROFILE:

Enthusiastic to learn and develop new skills and apply to real cases. Self motivated, hardworking, punctual and reliable person. Interested in cell biomaterial interactions in the context of regenerative engineering.

Trained in:

- *cell culture*: microscopic analysis, Trypan blue assay, DNA isolation, electrophoresis, thin layer chromatography
- *biomaterials*: surface properties and atomic force microscopy
- *biomechanics*: axial pull-out test for bone screws, bone compression test
- *biomedical sensors and transducers*: amperometric enzyme electrode, electrospinning for biosensor applications, mass sensitive biosensing principles, plasma polymerization

### 3. EDUCATION:

- B.Sc: Biomedical Engineering (Class of 2017)
  - TOBB University of Economics and Technology, Ankara, TURKEY
  - GPA: 3.14/4.00, Rank: 2<sup>nd</sup> (Class of 2017)
- High School: İçel Anatolian High School (2009-2013), Mersin, TURKEY
  - GPA: 86.64/100

**Relevant Courses Taken:**

Cell and Molecular Biology, Medical Biology, Physiology for Engineers, General Chemistry, Biochemistry, Fundamentals of Materials Science, Biomaterials, Tissue Engineering, Biomechanics, Biomedical Signals and Systems.

**Conferences Attended:**

- Future Medicine 2016, 7-9 October 2015, Ankara, Turkey.
- FP-7 KORANET (Korean scientific cooperation network with the European Research Area) Summer School on Novel Approaches in Non-Thermal Processing of Materials, 23-27 June 2014, Ankara, Turkey.

**4. RELEVANT WORK EXPERIENCE:**

- Intern, TOBB University Hospital, May-August 2015
  - Quality control and calibration of biomedical equipments
  - Cell culture
  - Tissue preparation for clinical and pathological characterization

**5. SKILLS:****Languages:**

Turkish : Native

English : Advanced (TOEFL ITP: 567/677)

German : Elementary

**Computer Skills:**

Programming C++, 5SPICE, ImageJ, Mathcad (Basic level), Mathlab (Basic level)

**6. VOLUNTEER COMMUNITY SERVICE:**

Member of Turkish Alzheimer Association

- Providing the Alzheimer patients and their relatives with educational, medical, social as well as mental support.

**7. SOCIAL ACTIVITIES:**

- Ballroom dance
- Sailing
- Swimming
- Painting (Special Jury Award in a school competition 2007, and 1st rank in a competition sponsored by Mersin Soda Sanayi Inc., 2008)