

## EDUCATION

Education

### BACHELOR OF SCIENCE (2014-2019)

BOGAZICI UNIVERSITY, Istanbul, TURKEY

Electrical and Electronics Engineering & Physics (Double Major)



GPA: 3.79/4.00

### STUDY ABROAD PROGRAM

(Apr - Sept 2017) (with Full Scholarship)

TECHNICAL UNIVERSITY OF MUNICH

Munich, GERMANY

Electrical Engineering



### HIGH SCHOOL EDUCATION

(2009-2014)

ISTANBUL HIGH SCHOOL

Istanbul, TURKEY

Diploma Grade: 95.24 / 100

Abitur Grade: 1.4 / 6.0 (1.0 is the highest)

University Admission Examination Rank:

196. (Among two million participants)



# BAHADIR DÖNMEZ

## EXPERIENCE

Experience

SEP 2017 - TODAY

### UNDERGRADUATE RESEARCH ASSISTANT

BOGAZICI UNIVERSITY, Istanbul TURKEY

Micro Electro Mechanical Systems (BUMEMS) Laboratory

Advisor: Prof. Şenol MUTLU

Duties: Fabrication of water-gated field effect transistor using CVD deposited graphene on SOI and graphene produced through exfoliation of graphite

SEP 2016 - TODAY

### STUDENT ASSISTANT

BOGAZICI UNIVERSITY, Istanbul TURKEY

Department of Physics

PHYS 301 Classical Mechanics I (Spring 2018)

SCI 101 Science I (Fall 2017)

PHYS 201 Electricity and Magnetism Laboratory (Fall 2017)

SCI 101 Science I (Fall 2016)

SEP 2016 - APR 2017

### UNDERGRADUATE RESEARCH ASSISTANT

BOGAZICI UNIVERSITY, Istanbul TURKEY

Nanomagnetism and Spin Applications Research Group

Advisor: Prof. Özhan ÖZATAY

Duties: Using OOMMF and COMSOL Multiphysics to run computer simulations and analyzing the simulation data with Mathematica

JUN 2016 - AUG 2016

### INTERN

TECHNEON MEDICAL DEVICES, Istanbul TURKEY

Research & Development

Duties: Building Li-Ion battery charger circuits.

Programming TI MSP430 and STM32L1 Microcontrollers.

## CONTACT



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www.bahadirdonmez.com



Bogazici University  
Istanbul, Turkey

## PERSONAL

Education : Undergraduate

Nationality : Turkish

Languages : Turkish (native),  
English (fluent),  
German (fluent),  
French (intermediate)

## RESEARCH INTERESTS

- ▶ Nanoscience and Nanotechnology
- ▶ Semiconductor Devices and Physical Electronics
- ▶ Micro/Nano Electro Mechanical Systems

## AWARDS & SCHOLARSHIPS

- ▶ The Scientific and Technological Research Council of Turkey Undergraduate Scholarship Programme
- ▶ IEEE Turkey Student Branches Volunteer of the Month (November 2015)

## HOBBIES

- ▶ Watercolor Painting (Bogazici University Fine Arts Club)
- ▶ Turkish Folk Dance (Bogazici University Folklore Club)
- ▶ Football (Istanbul High School Football Team)

## COMPUTER SKILLS

Skills

PROGRAMMING LANGUAGES: C / C++, VHDL, LaTeX

SOFTWARE: MATLAB, Wolfram Mathematica  
Object Oriented MicroMagnetic Framework (OOMMF),  
COMSOL Multiphysics, LTSpice,  
Adobe Photoshop, MS Excel

## CERTIFICATES

Skills

Improving Communication Skills by University of Pennsylvania on Coursera

## EXTRACURRICULAR ACTIVITIES

Activities

Launching a Successful Software Startup

Voluntary Entrepreneurship Course  
Spring 2018

Bogazici University Electrotechnology Club

Board of Directors  
Director of Finance (2015 - 2016)

Association in Support of Contemporary Living

Youth Commission  
Treasurer (2014 - 2015)

IEEE Bogazici Student Branch

Power & Energy Society  
Founder & Chair (2015 - 2016)

IEEE Turkey Student Branches

Publicity Coordinator  
Social Media Director (2015 - 2016)

Istanbul International Children's Film Festival

Third Place with "Şans Kaptığı Çaldı"