Berkay **Barlas**

ELECTRICAL & ELECTRONICS · COMPUTER ENGINEERING

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"Be the change that you want to see in the world."

Education

Koc University   *Istanbul, Turkey*
B.S. ELECTRICAL&ELECTRONIC AND COMPUTER ENGINEERING   *Oct. 2015 - Exp. May. 2020*
- GPA 3.84 / 4.00
- Got Semahat Arsel Scholarship which is given to top students in University Entrance Exam.

Skills

Programming	Java (Proficient), Python (Proficient), Tensorflow (Prior Experience), Matlab
Prototyping	Raspberry Pi, AWS, Sensors, Siemens Nx11
Languages	English (Advanced),Turkish(Native), German (Beginner)

Experience

Trendyol, Istanbul   *Istanbul, Turkey*
SOFTWARE DEVELOPER INTERN   *Oct. 2016 - Oct. 2017*
- Worked on a research about applications of wearable technologies and prototyping the project with Arduino and 3D Printing.

Koc University, Arcelik Research Center for Creative Industries   *Istanbul, Turkey*
RESEARCH ASSISTANT   *Oct. 2016 - Feb. 2018*
- Worked on an Internet of Things(IoT) project which was proposed by me and funded by Arcelik.
- Built and deployed overall system and developed simple Android application with Raspberry pi, image, temperature and weight sensors.
- Used machine learning algorithm for food recognition and several AWS stack(Including Rekognition, S3, Dynamodb, Lambda, Cognito).
- Worked on a research about applications of wearable technologies and prototyping the project with Arduino and 3D Printing.

Koc University, Computer Information Technology Department   *Istanbul, Turkey*
WORK & STUDY   *OCt. 2015 - May. 2016*
- Applied and tested Google Cloud technologies across the campus.

Extracurricular Activity

Global Learning and Leadership Program   *Koc Universtiy*
CHANGE MAKER   *Sept. 2016-Present*
- Is a member of the team which achieved make an impact and open a Makerspace.
- Joining lectures and workshops to gain skills about global awareness, 21st century leadership and social innovation.
- Helping students who have graduation projects for prototyping their ideas.

Standford – Koc CS Bridge Program   *Koc Universtiy*
SECTION LEADER   *Summer 2017-Summer 2018*
- Was section leader of a Java teaching program directed by Nick McKeown who has taught computer science at Stanford for 20 years.
- Was responsible for preparing and grading assignments, conducting problem solving sections, helping students during lab-hours and giving feedbacks to daily assignments.

Robotics and Automation Society   *Koc Universtiy*
VICE CHAIR   *Oct. 2017 - Spring 2018*
- Responsible for organizing IoT and robotics related workshops, conferences for new members.
- Developing tech-projects to attend national and international competitions.

AIESEC

GLOBAL VOLUNTEER IN EGYPT

- Was a member of an international team of 30 people which was responsible from building a school from throw-out materials in a poor island in Egypt.

Honors & Awards

2018	**Zeplin Hackathon Special Jury Award**, Most enthusiastic team to learn new concepts and tools	*Turkey*
2018	**Dean's High Honor Roll** , Listed in Dean's High Honor Roll for Spring 2017 and Spring 2018	*Turkey*
2017	**Vehbi Koc Scholar**, Awarded for SPA over 3.50 /4.00 in Fall 2016, Spring 2017 and Fall 2017	*Turkey*
2015	**Top Student**, Ranked 200th in Turkish University Attainment Exam	*Turkey*
2011	**Top Student**, Ranked 1th in Turkish High School Attainment Exam	*Turkey*

Honors & Awards