Berkay **Barlas**

ELECTRICAL & ELECTRONICS · COMPUTER ENGINEERING
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Education

Technical University of Munich (TUM)		*Munich, Germany*
EXCHANGE STUDENT WITH ERASMUS SCHOLARSHIP		*Apr. 2020 - Sept. 2020*
Nanyang Technological University (NTU)		*Singapore,Singapore*
EXCHANGE STUDENT WITH FULL-SCHOLARSHIP		*Aug. 2019 - Dec. 2019*
Koc University		*Istanbul, Turkey*
B.S. COMPUTER AND ELECTRICAL&ELECTRONICS ENGINEERING DOUBLE MAJOR		*Oct. 2015 - Exp. May. 2021*

- **GPA 3.80 / 4.00** | Received scholarship which is given to **top 300** among 2 million Students in National University Exam.

Experience and Projects

Mozilla / Firefox Devtools *Remote*
OPEN SOURCE CONTRIBUTOR *March. 2020 - Present*
- Working on Firefox projects, mainly on Firefox Devtools.
- Solving and reporting issues on Github and Bugzilla(Phabricator).

Zeplin.io *San Francisco,CA & Istanbul*
SOFTWARE DEVELOPER INTERN *3 Months | June. 2019 - Aug. 2019*
- Worked on React Web and Electron Windows applications and developed components that are used across all application.
- Migrated Profile Pages(Account settings, Billing, Subscriptions) to React from JS.
- Reduced code redundancy around 30% in Profile Pages and increased loading speed around 10%.

Trendyol.com *Istanbul, Turkey*
SOFTWARE DEVELOPER INTERN *5 Months | July. 2018 - Dec. 2018*
- Developed web services using Java Spring Boot, REST API, RabbitMQ .
- Implemented new features and microservices to Supplier and Admin Portal.

Koc University, Arcelik Research Center for Creative Industries *Istanbul, Turkey*
RESEARCH ASSISTANT *1+ Years | Oct. 2016 - Feb. 2018*
- Built overall Internet of Things(IoT) project with Raspberry Pi&sensors and developed Android Application
- Used machine learning algorithm for food recognition and several AWS stack including Rekognition, S3, Dynamodb, Lambda.

Skills

Programming Languages	Java (Proficient), JavaScript (Proficient), Python
Frameworks	Node.js, React JS/Native, Spring Boot
Coursework	Algorithms&Complexity, Parallel Programming, AI, Data Mining, Operating Systems, Database Systems
Languages	English (C2), Germany(A1), Turkish(Native)

Extracurricular Activity

The University Innovation Fellows (UIF) | Stanford d.school *Stanford University, California*
UNIVERSITY INNOVATION FELLOW *Oct. 2019 - Present*
- Nominated and supported by faculty to become a fellow. My goal is to help provide a better collaborative experience in campus.

Global Learning and Leadership Program *Koc Universtiy*
CHANGE MAKER - VICE PRESEDENT OF KOC UNIVERSITY MAKERSPACE LAB *Sept. 2016 - Present*
- **Cofounder** of a team which achieved make an impact and open a Makerspace in campus.
- Coordinate team members and arranging workshops about computer science, creative skills, and social innovation.

Algorithm Competition Programme *Inzva, Istanbul*
REVIEWER AND PARTICIPANT *Oct. 2018 - May. 2019*
- Participated in the 30-week **Algorithm Competition Programme** which includes lectures, contests, and a variety of practises.

Stanford – Koc University CS Bridge Program
TEACHING ASSISTANT *Summer 2017-Summer 2018*
- Was **section leader** of a Java teaching program directed by Nick McKeown who has taught CS at Stanford for 20 years.
- Was responsible for preparing and grading assignments, problem solving sections and giving feedbacks to assignments.

Honors & Awards

2019	**Pixery Hackathon'19 Best Project Award**, Ranked **1st** among preselected 12 teams	
2019	**Ciceksepeti Hackathon'19 Best Project Award**, Ranked **1st** among preselected 30 teams	
2018	**Zeplin Hackathon Special Jury Award**, Awarded as most enthusiastic team to learn new concepts and tools	
2017	**Dean's High Honor Roll** , Listed in Dean's High Honor Roll for Spring 2017, Spring 2018 and Spring 2019	
2015	**Ranked 273th among more than 2 million Students**, Turkish University Attainment Exam	