Location Istanbul, Turkey
Phone +90 545 852 52 77
Email berk.erol@boun.edu.tr

BERK EROL

Website berkerol.github.io
LinkedIn in/berk-erol
GitHub berkerol

EDUCATION

Sep. 2014	**B.S. in Computer Engineering**	Bogazici University	Istanbul, TR
June 2019	● GPA: 3.14/4.00 Comp. Eng. Avg.: 3.35/4.00		
	● Highest Grades: Analysis of Algorithms, Data Str. & Algorithms, Systems Prog., OS, Prob. & Statistics		
Apr. 2018	**Erasmus Study in Informatics**	Technical University of Munich	Munich, DE
Aug. 2018	● Courses: Social Gaming, Testing, Security Eng., Project Org. & Mgmt. in SWE, Aug. Reality, 3D UIs		

EXPERIENCE

Jan. 2018	**Backend Engineer Intern**	Carla Car Rental	Istanbul, TR
Mar. 2018	● Made car search 1.5x faster by improving API requests, filters and sorts using Java 8 and Spring.		
	● Increased revenues and customer satisfaction by adding new car rental suppliers and insurance.		
	● Improved monitoring and error tracking by integrating Sentry for all error logs in the whole system.		
July 2017	**Software Engineer Intern**	OBSS	Istanbul, TR
Aug. 2017	● Got the 2nd place and won a prize in the contest by building a recruitment website from scratch using Java 8, Spring Boot, MySQL, Elasticsearch, Logstash, Maven and Docker. Available on GitHub.		
June 2017	**Software Engineer Intern**	Khan Academy TR	Istanbul, TR
	● Improved SEO by generating titles and URLs according to content for each page.		
	● Increased page load speeds by 30%, fixed bugs and added frontend elements.		
Mar. 2017	**Student Ambassador**	IBM	Istanbul, TR
Jan. 2018	● Attended meetings, seminars, trainings and workshops to learn IBM technologies.		
Oct. 2015	**Student Teaching Assistant**	Bogazici University	Istanbul, TR
Jan. 2016	● Taught freshmen algorithms, data structures, sorting and searching in C.		

SKILLS

Proficient	Java 8 (Spring Boot), JavaScript (ES6+), Git, REST APIs
Familiar	Python, C#, C, C++, HTML5, CSS3, MySQL, Elasticsearch (ELK), Unix & Linux, Docker, AWS
Concepts	Algorithms & data structures, object-oriented programming, design patterns & principles, Agile
Interests	AI/ML/DL, AR/VR/MR, UI/UX, IoT, P2P, DApps, blockchain, cryptography, network, security
Speaks	Turkish (Native), English (Proficient), German (Fluent, C1 level of DSD II Certificate)

ACTIVITIES & SOCIETIES

- **CoderDojo Mentor at COMPEC, Bogazici University (March 2017 - May 2017)**
  Voluntary work for helping children to create basic games using the MIT's Scratch tool.

- **Member of VRFirst BAU, Bahcesehir University (Since April 2016):** Attended meetings, seminars, trainings and workshops. Learned new technologies and ongoing projects in the virtual reality lab.

- **Participant in BIC Angels Startnowhow, Bogazici University (September 2015 - June 2016)**
  Seminars about entrepreneurship and startups with guest speakers from successful startups.

- **Headguide at Sports Fest, Bogazici University (May 2015):** Helped sportsmen all around the world during their stay and organized events at Sports Fest which is the Turkey's biggest student-organized sports festival.

- **Member of COMPEC (Computer Eng. Club), BUYAK & ESTIEM (Industrial Eng. Club) (2014 - 2016)**
  Contacted companies. Networked with business people. Organized and attended trainings, seminars, trips.