

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](https://in.linkedin.com/in/berk-erol)
GitHub [berkerol](https://github.com/berkerol)

EDUCATION

Sep. 2014 **B.S. in Computer Engineering** Bogazici University Istanbul, TR
June 2019 • GPA: 3.20/4.00 Senior Project: Identity System for Blockchain (Solidity, Node.js, MongoDB, Docker)
• 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. 2019 **Backend Engineer** Armut / HomeRun Istanbul, TR
Present • Improved the notification system for maintainability, new business rules and regulations using C#.

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.
• Increased customer engagement by building a localization system for 6 languages to cover all texts.
• 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 JavaScript (ES6+, Node.js, Express), Java 8 (Spring Boot), Git, REST APIs

Familiar Python, C#, C, C++, Solidity, HTML5, CSS3,
MySQL, MongoDB, 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.