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BERK EROL

Website berkerol.github.io
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GitHub berkerol

EDUCATION

| Sep. 2014 | **B.S. in Computer Engineering** Bogazici University | Istanbul, TR |

Sep. 2014
June 2019
B.S. in Computer Engineering Bogazici University   Istanbul, TR
- GPA: 3.20/4.00
- Highest Grades: Analysis of Algorithms, Data Str. & Algorithms, Systems Prog., OS, Prob. & Statistics

Apr. 2018
Aug. 2018
Erasmus Study in Informatics Technical University of Munich   Munich, DE
- Courses: Social Gaming, Testing, Security Eng., Project Org. & Mgmt. in SWE, Aug. Reality, 3D UIs

EXPERIENCE

Jan. 2019
Present
Backend Engineer Armut / HomeRun   Istanbul, TR
- Improved the notification system for maintainability, new business rules and regulations using C#.

Jan. 2018
Mar. 2018
Backend Engineer Intern Carla Car Rental   Istanbul, TR
- 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
Aug. 2017
Software Engineer Intern OBSS   Istanbul, TR
- 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
Jan. 2018
Student Ambassador IBM   Istanbul, TR
- Attended meetings, seminars, trainings and workshops to learn IBM technologies.

Oct. 2015
Jan. 2016
Student Teaching Assistant Bogazici University   Istanbul, TR
- 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.