

EMPLOYMENT

Software Engineer **Facebook** **01/2020- Still**

- FBLite Performance Team, working on Performance, Reliability and Efficiency of the company 2nd biggest mobile app
- Improve metric regression threshold by 3-16 times for app startup, able to detect regressions under 30ms
- Implement batching algorithm for pre-detecting regression, Ultralab project
- Implement recent commit hash algorithm to decrease build time of apps

Software Engineer **Siemens** **03/2017- 12/2019**

- Developed micro services using Spring Technologies following Object Oriented Design principles.
- Focus on code quality with more than 80% unit test coverage, continuous refactoring and documentation.
- Mentoring and leading the junior developers.
- Setup two project skeletons from scratch, making PoC's and benchmarking of the possible tools and frameworks.

Software Engineer **Havelsan** **04/2015-03/2017**

- Worked as a full stack developer for internal GIS application in backend and frontend side.
- Implement a new add-on to the open source GIS server, GeoServer, according to project requirements.
- Implemented unit and integration tests to deliver high quality features
- Tool stack: Java, JavaScript, GeoServer, Cesium, Tomcat, IntelliJ Idea, Maven, Git, Jenkins, Nexus

Software Developer **Turk Telekom** **07/2012-04/2015**

- Directed software design, development and maintenance while remaining focused on client needs
- Manage SOA governance of the company with decision-making and web service implementation using Oracle tools
- Implement web services for the internal services and campaigns of the company that affects millions of users

EDUCATION

Istanbul, Turkey **Ozyegin University** **02/2018-12/2019**

- PhD (Doctor of Philosophy) in Computer Science. GPA: 3.37
- Dropped at thesis stage, Advisor: Ismail Ari
- Graduate Coursework: Deep Learning, Big Data Analytics, Introduction to Natural Language Processing, Distributed Systems and Cloud Computing, Deep Reinforcement Learning, Contemporary Topics in Networking, Network Security

Ankara, Turkey **Middle East Technical University** **09/2012-12/2015**

- M.Sc. (Master of Science) in Electrical & Electronics Engineering (Computer Engineering Track) GPA: 3.29
- Graduate Coursework: Switching & Automata Theory I&II, High Speed & Embedded Computer Networking, Database Concepts & Applications, Operating Systems, Data Structures, Systems Development w/ Abstract Design Paradigm
- Advisor: Ece Schmidt Co-Advisor: Ali H. Dogru Thesis: Dynamic Analysis for Complex Event Processing

Ankara, Turkey **Bilkent University** **09/2007-06/2012**

- B.Sc. (Bachelor of Science) in Electrical & Electronics Engineering GPA: 3.01
- Undergraduate Coursework: Algorithms and Programming I&II, Computer Networks, Wireless Communication, Digital Signal Processing, Signals and Systems.

ADDITIONAL EXPERIENCE

- **Publication** Remote Debugging for Containerized Applications in Edge Computing Environment, IEEE EDGE 2019 Accepted paper, presented at Milano-Italy 08.2019. <https://conferences.computer.org/edge/2019/>
- **Enrollment** to the NATO CWIX FCC and EXE conferences hold in Bydgoszcz, Poland 03.2016 & 06.2016 as a representative of the Havelsan. <https://events.iftc.nato.int/event/cwix-2016-fcc>
- **Publication:** Elementary Dynamic Analysis for Complex Event Processing, Fort Worth-TX, USA 11.2015. Presentation of the accepted paper in SDPS conference. <https://sdpsnet.org/sdps/index.php/conferences/sdps-2015> Journal of Integrated Design & Process Science, Transaction of the SDPS

LANGUAGES AND TECHNOLOGIES

- Java, JavaScript, Python, C++, Hack, HTML, CSS, XML Technologies, SQL, SOAP, REST
- Spring Boot, Spring Data, Postman, Gradle, Git, TFS, SVN, RabbitMQ, npm, Docker, PostgreSQL, Nodejs, Tomcat, Maven, AngularJS, Swagger, Nginx, Linux, Windows, AWS