

# MUHAMMET OĞUZ ÖZCAN

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## WORK EXPERIENCE

### Havelsan Inc., İstanbul

04.2015 – Continuing

*Software Development Engineer*

- **National Battleship Project, İstanbul**  
Working in a C2IS of the national battleship project.  
Java, Linux, Eclipse, SVN, DOORS,
- **04.2015 - 09.2016, Ankara Office**  
Working in GIS project and Command&Control Project (Temporarily)  
-Developer role in a GIS application called TMAP. TMAPJ-Java application. TMAPW-Web application and TMAP Seal- Server Side project.  
Mainly using Java, JavaScript, GeoServer, Cesium, Tomcat Server, IntelliJ Idea, Maven, Git, Jenkins, Nexus  
-Member of an agile team, iteration with 2 weeks period. Team Foundation Server is used for continuous integration tool  
-HLA module integration of a C2IS system called DOOB with an internal simulation system called MGKMOS, using MAK RTI. Developed Java and C++ applications that communicate each other over TCP using JSON data format. IntelliJ Idea and Microsoft Visual Studio are used IDEs. (Temporary Project)

### Innova, Ankara

11.2014 – 04.2015

*Application Development Expert*

- Continuation of the previous job

### Etiya, Ankara

07.2012 – 11.2014

*Assistant Software Engineer*

- Worked as an SOA consultant at “Enterprise Service Layer” department for Turkish Telekom Company. Oracle Service Bus, Weblogic Server, JDeveloper, Oracle SOA Suite, Tortoise SVN, Jira, Confluence, TOAD for Oracle, SOAP UI are used software and Java, SQL, WSDL, BPEL, XML, XSD, Xquery and Xpath are the languages I was using mostly.
- Main tasks:  
-Design, development and maintenance of Web Services for Turkish Telekom&AVEA partner campaigns, worked with Avea Enterprise Architecture team. (10+ Campaigns)  
-Design, development and maintenance of Web Services for Turkish Telekom&TTNET partner campaigns, worked with TTNET Enterprise Architecture team. (5+ Campaigns)  
-SOA Architect&Developer role in many project inside Turkish Telekom and 3<sup>rd</sup> party systems.  
-Java Based Service to add and remove TT customers to campaigns by TT customer service and logging.

### Biluzay, Ankara

03.2012 – 05.2012

*Part Time Project Engineer*

- High frequency circuit design, test and bug fix including: amplifier, attenuator and oscillators circuits. “Network analyzer”, “Spectrum analyzer”, “Oscilloscope” and FPGA are the tools I used in my works.

### Aselsan, Ankara

08.2011 – 09.2011

*Intern, Design Engineering Department*

- Digital clock design, develop and testing using VHDL language and FPGA. Xilinx and Labview FPGA were the used software

#### **FIBA World Championship 2010, Ankara**

**09.2011 – 10.2011**

*IT and Press Volunteer,*

- Helping domestic and foreign press about technical issues during the tournament.

#### **Türkerler Construction Company, Ankara**

**08.2010 – 09.2010**

*Intern*

- Design and test of lightning control box of Ankara Arena using PIC microcontroller.
- PCB drawing using Proteus software

## **EDUCATION**

#### **Gazi University, Ankara**

**09.2016 – Continues**

*Graduate Education, Phd – Information Systems,*

- Started in Fall 2016

#### **Middle East Technical University, Ankara**

**09.2012 – 2015**

*Graduate Education, MSc. – Electrical and Electronics Engineering, CGPA: 3.29/4.00*

- “Computer Engineering” track. Thesis title “Dynamic Analysis for Complex Event Processing”. Analysis of a real-time rule-based complex event processing language. Created an analysis tool and analysis facilities using C++.
- Courses taken:
- Switching and Automata Theory I (EEE545)
  - High Speed and Embedded Computer Networking (EE5410)
  - Switching and Automata Theory II (EEE546)
  - Database Concepts and Applications (IS503)
  - Operating Systems (EE442)
  - Data Structures (EE441)
  - Systems Development with Abstract Design Paradigm (CENG551)

#### **Bilkent University, Ankara**

**09.2007 – 06.2012**

*Undergraduate – Electrical and Electronics Engineering, GPA: 3.01/4.00*

- Projects: Java based quiz application (Java, MySQL), Campus social networking - iPhone application, Underwater Radio (TRC-10), 2.8 GHz low phase noise VCO, 8051 Microprocessor controlled heater, VHDL based digital thermometer, several projects courses.

#### **Private Samanyolu Science High School, Ankara**

**09.2004 – 06.2007**

*GPA:(4.96/5.00)*

## **PUBLICATIONS and PRESENTATIONS**

#### **Enrollment to the CWIX Execution-Bydgoszcz, Poland**

**06.2016**

Representing Havelsan in the NATO Execution with TMAP project that our team is developing, making tests about our tool with other nations tools. Representing the test case results and come up with solutions.

- <https://events.jftc.nato.int/event/cwix-execution-2016>

#### **Enrollment to the CWIX Final Coordination Conference-Bydgoszcz, Poland**

**03.2016**

Representing Havelsan in the NATO Conference with TMAP project that our team is developing, making a presentation about our tool, enrolling the meetings to discuss and create test cases with 16 different countries representatives and tools.

- <https://events.jftc.nato.int/event/cwix-2016-fcc>

**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*

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## **COMPUTER and SOFTWARE SKILLS**

**Programming Languages-** Java, JavaScript, C++, HTML, CSS, WSDL, BPEL, XML, XSD, Xquery, Xpath, SQL, Shell

**Software** – IntelliJ Idea, Maven, Git, Team Foundation Software, Tomcat, Oracle SOA Suite, Oracle Service Bus, Oracle Weblogic Server, SoapUI, TOAD for Oracle, Microsoft Visual Studio, CodeBlocks, SVN.

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## **AWARD, CERTIFICATES and SCHOLARSHIPS**

**Agile Programming**

**05.2015**

*Given by Turgay Yılmaz in Havelsan*

**SOA Adoption and Architecture Fundamentals**

**01.2015**

*Given by “Bilginç IT Akademi-Zekeriya Beşiroğlu”*

**Time Management and Strategic Planning Training**

**06.2014**

*Given by “ARA Psikoterapi-Hakan Ertufan”*

**Team Working Training**

**10.2013**

*Given by “ARA Psikoterapi-Hakan Ertufan”*

**TM Forum Framework Overview Online**

**06.2013**

*TM Forum online training and certificate of the passed examination*

**Customer Focused Relationship Management Training**

**05.2013**

*Given by “ARA Psikoterapi-Hakan Ertufan”*

**TM Forum Business Process Framework (eTOM) Foundation Level**

**04.2013**

*TM Forum training and certificate of the passed examination*

**“Bu Gençlikte İş Var” Project Contest Finalist**

**05.2011**

*Entrepreneurship contest finalist and attendance certificate, organized by TÜSİAD*

**Başkent Communication Science Academy**

**10.2009**

*Elocution Course Participation Certificate*

**Bilkent Üniversitesi Comprehensive Scholarship**

**08.2007**

*Ranked 105<sup>th</sup> in University Entrance Exam*

**Tübitak Middleschool Students Project Contest**

**03.2006**

*Ranked 3<sup>rd</sup> in Turkey, Mathematics*

**Private Samanyolu High School Comprehensive Scholarship**

**08.2004**

*Ranked 1466<sup>th</sup> in High School Entrance Exam*

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## **HOBBIES and INTERESTS**

**Squash** – Was member of Bilkent Squash Team

**Bağlama**(Kind of Turkish music instrument) – Amateuris playing

## **PERSONEL INFORMATION**

**Place of Birth:** Rize

**Date of Birth:** 12.06.1990

**Marrial Status:** Married

**Military Status:** Delayed until 03.2021 (Because of Academic Study)

**Driving License:** B(Clear)