# Oğuz Demir

## Computer Science

#### Education

2014 – 2017 **Faculty of Engineering**, Bilkent University, Ankara.

(Expected) B.S. in the Department of Computer Engineering

o Advisor: Asst. Prof. Selim Aksoy

o CGPA: 3.9/4.0, Major GPA: 4.0/4.0

• Change of major from Electrical and Electronic Engineering (2014)

#### Skills

Programming Java, C/C++, SQL, VERILOG, MIPS Assembly, JavaScript, AngularJS

Platforms & Tools OS X, Linux, Windows, Adobe Photoshop

Languages Turkish (Native), English (Professional Proficiency, IELTS:7.5)

#### Honors & Scholarships

2013 – present High Honor roll, Bilkent University, Ankara.

2012 – present Comprehensive Scholarship, Bilkent University, Ankara.

2012 - present Turkish Prime Ministry Scholarship.

2012 Ranked 90<sup>th</sup> in Nationwide University Entrance Exam.

#### Experiences

September 2016 - Hazelcast Inc., Istanbul, Part-Time Software Engineer.

Present • Working in Clients team of Hazelcast.

June-August 2016 Hazelcast Inc., Istanbul, Summer Intern.

Worked in Clients team of Hazelcast for bug fixing, testing and developing sample service.

July-August 2015 University of Texas at Austin, TX. Aerospace Engineering, Summer Intern.

 Worked for 'Autonomous Guidance and Control Laboratory' under supervision of Asst. Prof. Beh
çet Açıkmeşe

June 2015 **Zirve Information Systems, Ankara**, Summer Intern.

o Developed welcome page applications for the main project of the company.

### Projects

September 2016 Section Checker, Bilkent University.

o Developed a program which checks available quotas periodically for desired course section and warns the user in case of availability. It was used by Bilkent University students in course selection period.

August 2016 Stack Service, Hazelcast.

• Implemented concurrent and distributed stack data structure for Hazelcast Software to provide customers with a tutorial about adding a new service to Hazelcast Software.

August 2015 Agent Simulator, UT Austin.

• Developed a simulation environment for a swarm of agents moving in a velocity field. This software can simulate a large number of agents and determine agent densities/collisions in a very short time.

June 2015 **Bomberman, Bilkent University**.

o Developed a multiplayer bomberman game for Object Oriented Programing course.

## Organizations & Memberships

2014 – 2015 International IEEE Member, Bilkent University, Ankara.

- o Bilkent IEEE Student Branch Graphic Design Coordinator
- o Road to University 14' volunteer: Guided the prospective students about engineering & campus life
- 2014 2015 **Graphic Designer**, Designed posters, handouts and various visual media for the organizations & meetings.
  - o Bilkent University Music Club
  - o Bilkent University Chess Club