



# MUHAMMET SAID DEMIR

SOFTWARE ENGINEER

## CONTACT

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## PERSONAL INFORMATION

**Name**  
Muhammet Said Demir  
**Birthyear**  
1998  
**Gender**  
Male  
**Nationality**  
Turkish

## SKILLS

- ✓ Algorithms
- ✓ Programming
- ✓ Debugging
- ✓ Self Learning
- ✓ Sociability
- ✓ Presentation
- ✓ Leadership
- ✓ Entrepreneurship
- ✓ Crisis Management

## PROFILE

Bilkent University Computer Engineering new grad. Have 1-year part-time working experience in HAVELSAN.  
CGPA: 3.29

## EXPERIENCE

- **HAVELSAN | October 2019 - Present**  
[Software Engineer In Test](#)  
HAVELSAN (AIR ELECTRONICS INDUSTRY) is a defense industry company which develops software mainly for the Turkish army.  
Working as a test automation engineer. Experienced in test automation, performance testing, functional testing, requirement analyzing, system engineering, and development of test tools.  
The site can be reached from [www.havelsan.com.tr/en](http://www.havelsan.com.tr/en)
- **Erik Games | August 2019 - September 2019**  
[Game Developer](#)  
Erik Games is a start-up company that develops games for the PlayStation platform.  
Worked as a game developer on Unreal Engine 4.  
The site can be reached from [www.erikgames.com/en](http://www.erikgames.com/en)

## EDUCATION

- **Bachelor of Computer Science**  
[Bilkent University, Ankara/Turkey | 2016 - Present](#)  
4-year computer engineering program. Taken courses are available in my Transcript.  
The transcript can be reached from [www.github.com/SaidDemir/CV/blob/master/Transcript.pdf](https://www.github.com/SaidDemir/CV/blob/master/Transcript.pdf)
- **Test Engineering Summer Bootcamp**  
[HAVELSAN, Ankara | June 2019 - June 2019](#)  
Summer camp organized by HAVELSAN. Different aspects of test engineering are taught and experienced.

## PROGRAMMING LANGUAGES

- Java
- JavaScript
- C++/C

## TECHNOLOGIES

- Unreal Engine
- Node.js
- JMeter, Selenium
- Git, Jira
- MatLab

## PROJECTS

### LIKED-IT

Senior Project

**Winner of the second-most prestigious award**, the innovation award in Bilkent CS Fair **among 33 Senior Project groups**. LikedIt is a website that gives detailed feedback to the user about the video they watched. Users can see how much they liked/disliked, which emotions they showed at which rate, and where they looked at during the video at every part of the video. **It generates plots of liking and emotions and a heatmap on top of the video as feedback**. We collected our own data set by implementing a **Java** application and trained our own Like model which had no previous examples. **I've mostly worked on collecting gaze data, calibration, generating heatmap, backend, frontend**, and communication between them. **Worked mostly with JavaScript, Node.js, Java**, HTML, and CSS.

**Demo:** [https://www.youtube.com/watch?v=Gxr\\_yj0IXvs](https://www.youtube.com/watch?v=Gxr_yj0IXvs)

**Project Page:** <https://likedit.github.io/likedIt/>

**Website Link:** <https://likedit.tk/>

### ALPHA INVASION

Erik Games

An FPS game about an alien trying to escape Area 51. It's implemented on **Unreal Engine 4**. **I mainly worked on artificial intelligence controlled bots, their functionalities, and character functionalities and abilities**. I also worked on animations, level design, scripting, and character design.

**Trailer Link:** <https://www.youtube.com/watch?v=AcJOcTmRrUo>

**Code Link:** <https://github.com/SaidDemir/kilon>

### RUSH HOUR

Object Oriented Project

Desktop **Java** multi/single game where the main goal is the red car to reach the exit point by solving puzzle-like traffic; dragging other cars, shifting board, even using portals and obstacles. **I was the leader** of a group of 5 and **worked mainly on the game engine and general logic** of the game and movements.

**Trailer Link:** <https://www.youtube.com/watch?v=p8E1FD6lxj4>

**Code Link:** [https://github.com/SaidDemir/Cs319\\_GroupSurup\\_RushHour](https://github.com/SaidDemir/Cs319_GroupSurup_RushHour)

### BILKENT LIBRARY

Android Studio Project

An **Android** project that enhances the life of Bilkent students by showing available seats and emptiness rate of Bilkent Library by a **database** system, occupying a seat by scanning a QR code, showing weather at Bilkent, etc.

### CROSSWORD CLUE GENERATOR

Artificial Intelligence Project

A **Java** project that uses **Wordnet** and **StanfordNLP** to generate new clues for crosswords from NewYork Times. It also uses **Selenium** to extract information from the website.

**Code Link:** <https://github.com/SaidDemir/Crossword-Clue-Generator>

## ADDITIONAL ACTIVITIES

- Innovation award at Bilkent CS Fair Senior Project Competition. Second most prestigious award among 33 groups.
- Ranked 1501. in University Placement Exam 2016 in Turkey, among 2,255,386 candidates
- Google Hashcode 2019 participation
- Bilkent Cycling Society cofounder and board member as activity coordinator
- Scientific and Technological Research Council of Turkey (TÜBİTAK) 2014 national chemistry Olympics second stage participation
- TÜBİTAK 2013, 2014, 2015 national chemistry Olympics first stage participation
- TÜBİTAK 2015 national project competition participation
- TÜBİTAK 2015 regional project competition championship award
- Ranked 1915. in University Placement Exam 2017 in Turkey, among 2,265,844 candidates