



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

PROFILE

Full Stack Engineer experienced with React and Spring.
Bilkent Computer Engineering Grad with 3.29 CGPA.

EXPERIENCE

● HAVELSAN | October 2019 - February 2021

[FullStack Developer](#)

HAVELSAN (AIR ELECTRONICS INDUSTRY) is one of the biggest software companies in Turkey, hosting more than 2000 employees. Company's main focus is the defense industry and develops software both for civil purposes and for the Turkish army.

Working as a full-stack developer. Focusing mainly on React and Spring. Also worked as a test automation engineer. Experienced in front-end and back-end development, test automation, performance testing, and development of test tools.

The site can be reached from 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

EDUCATION

● Bachelor of Computer Science

[Bilkent University, Ankara/Turkey | 2016 - 2020](#)

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

● 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

- React, Spring
- Node.js
- Git, Jira
- Unreal Engine
- JMeter, Selenium

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

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

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.
- FullStack development course certificate from Udemy
- 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