

Yusuf Avci

Computer Engineering Junior Student



(+90) 534 021 9601

yusufavci99@gmail.com

www.linkedin.com/in/yusuf-avci

<https://github.com/yusufavci99>

WORK EXPERIENCE

NETAS, Ankara — Software Engineering Intern

July 8, 2019 - September 13, 2019

Contributed to a government project about the management of companies using the Spring framework.

- Wrote integration tests for repository modules with high coverage and caught critical bugs in scheduling and authorizations.
- Wrote SMS and e-Mail sending functionality to clients.
- Netas used this for informing users about confirmations.
- Created report generators with JasperReports and Java which were used to generate custom pdf reports which contain client information.
- Experienced company communication and deployment with Jira, Stash, Docker, Jenkins.

EDUCATION

Bilkent University, Ankara — B.S Student

September 2017 - Continuing

GPA: 3.15

PROJECTS

Catan — LAN Multiplayer strategy game.

<https://github.com/yigitgorgulu/CS319-2E-CA>

Made a computer adaptation of Catan game as a group of five for Object-Oriented Software Engineering class. Worked with Sockets and Threads. Mainly wrote the networking part.

Checkers — AI-powered Computer Checkers (Turkish) game

<https://github.com/yusufavci99/TurkishCheckers>

Created a Swing checkers game. Wrote a basic minimax algorithm to implement a basic AI. Playable squares are highlighted when clicked on a piece. Therefore, It is easy to use.

TSU — Travel Survival Unit

<https://github.com/Artunn/TravelSurvivalUnit>

Made an Android application for travel help as a group of six. The program has trivia about countries, a flexible dictionary, world clocks. Gained experience in deployment and improving Android cross-device compatibility.

OTHER PROJECTS

Paper Language - Parser for a language designed as a group of 3 via Yacc and Lex.

Combining Game - <https://github.com/yusufavci99/combiningGame>

A game in which you can combine elements to create new elements. Features a game editor.

Gyroscope Game - <https://github.com/yusufavci99/gyroscope-game>

An android demo made with unity which you can roll a ball by tilting a phone.

SKILLS

Programming Languages

Proficient - Java, C#, C++

Intermediate - Python, MIPS Assembly

Familiar - JavaScript, Dart, PHP, Perl, SystemVerilog, Scheme

Frameworks

Spring (Used in internship), LibGDX

Testing and Deployment

Git, Selenium, Jenkins, JUnit, Maven, Gradle

Design

Basic - Adobe Photoshop

Languages

English - Proficient

Turkish - Native

German - Beginner

Personal Interests

Parkour & Freerunning, Guitar, History, Philosophy, AI

Social Activities

Vice president of Bilkent Parkour Club.