

# Yusuf Avci

Computer Engineering Senior Student

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 <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 different modules.
- Used JasperReports to create pdf report generators which were used to display and print client information.

### Online Project Internship With [Eray Tüzün](#) (Faculty Member)

July 9, 2020 - August 26, 2020

Designed and implemented a code review serious game used to teach the code review process to the OOP course students of Bilkent University.

- Used JS, Ace Editor Library, Judge0 API, Ajax, Firebase.

## EDUCATION

### Bilkent University, Ankara — *B.S Student*

September 2017 - Continuing

**GPA: 3.16**

## PROJECTS

More info about all projects can be found at <https://yusufavci99.github.io/>

### 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 worked on 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 an AI. It's easy to use.

### TSU — Travel Survival Unit

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

Made an Android application for travel guidance 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++, JavaScript

**Intermediate** - CSS, HTML, Python, MIPS Assembly

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

### Frameworks

Spring (Used in internship), LibGDX, Unity, Django, JavaFX, ReactJS

### Testing and Deployment

Git, Selenium, Jenkins, JUnit, Maven, Gradle

### Design

Adobe Photoshop  
Adobe XD  
Krita

### Languages

English - Proficient  
Turkish - Native  
German - Beginner

### Personal Interests

Parkour & Freerunning, Guitar, History, Philosophy, AI

### Social Activities

Former vice president of Bilkent Parkour Club

### Achievements

20% Merit Scholarship in my Senior Year.