

# SARPER TURAN

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🐙 sarperturann.github.io/personal-website/

## Education

### Bilkent University

September 2019 – Present

BSc. in Computer Science - Junior

### Relative Coursework

- CS201, 202 Fundamental Structures of Computer Science I, II(C++, Data Structures).
- CS319 Object-Oriented Software Engineering, CS315 Programming Languages
- CS342 Operating Systems (Linux), CS353 Database Systems (SQL)

## Experience

### Software Engineering Internship, STM

July 2021 - September 2021

- Worked collaboratively in a team on developing a **Java** based Monitoring Application. Worked as a full stack engineer. Used **Spring** framework for the backend, **Vaadin** framework for the frontend and used **Linux** as the operating system.
- Added a Website Monitoring feature that includes pinging the ip address in every time interval and getting the server status and getting the HTTP response. Used **MongoDB** to store our values.
- Gained experience on topics such as **Object Oriented Programming, Design Patterns and Software Engineering**. Also gained experience on **Java, Spring, Spring Boot, Vaadin and MongoDB**. Got comfortable in programming in a **Linux** environment.

### CS101 Algorithms and Programming Tutor, Bilkent University

October 2020 - February 2021

- Helping first year students understand the fundamentals of **Java** by answering their questions and helping them solve the problems they encounter.

## Projects

### Circle - Student Club Manager

October 2021 - December 2021

- Worked with a team of 5 people as the Team Lead.
- Website implemented in **Node.js, React** and **AWS S3 Database**.
- Circle is website that can be used by club admins to manage activities, club members and the activity schedule of the student club where students can see the events and the clubs with their information.
- 🐙 github.com/lara-ozyegen/CS-319

### ARtIE

March 2020 - May 2020

- Android app implemented in **Java**.
- Worked with a team of 5 people as the Team Lead.
- An augmented reality app that helps understanding of the 3D Models
- Used Firebase Realtime Database to store 3D Models and their information.
- 🐙 github.com/sarperturann/ARtIE1.0

### Personal Website

July 2020

- Personal website implemented in **HTML** and **CSS**.
- 🐙 sarperturann.github.io/personal-website/

## Skills

### Programming Languages

- Java (Advanced), C++ (Advanced), Python (Intermediate), HTML (Intermediate), CSS (Intermediate), Javascript (Intermediate), PHP (Intermediate), C (Intermediate), MATLAB (Intermediate), Go (Beginner)

### Frameworks / Libraries

- React (Intermediate), Spring (Intermediate), Vaadin (Intermediate)

### Databases

- Firebase Realtime Database (Intermediate), MongoDB (Intermediate), AWS S3 (Intermediate), MySQL (Intermediate)

### Operating Systems

- Windows (Advanced), Linux (Advanced), macOS (Intermediate)

## Hardware Description Languages

- SystemVerilog (Intermediate), MIPS Assembly Language (Intermediate)

## Other Skills

- Design Patterns (Intermediate), UML (Intermediate), Requirement Engineering (Intermediate)
- Git (Advanced), Android Studio (Intermediate), Visual Paradigm (Intermediate), Adobe Illustrator (Intermediate), Adobe Photoshop (Intermediate), Adobe After Effects (Intermediate)
- Hard-working, Team-player, Can easily adapt, Leadership

## Languages

- Turkish (Native), English (Professional Working Proficiency)

## Extracurriculars

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### Bilkent University Social Awareness Project

January 2020 - October 2020

- A non-profit organization that aims to help people in need (Hearts 1 Leukemia 0)

### Young Entrepreneurs Society

Active Member

September 2020 - January 2021

- We organized an event called 'Business Talks', in which we visit the most successful and innovative startups and companies around the world.