

# SEVDE ŞİMŞEK



Software Engineer Student

## PERSONAL DETAILS

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## PROFILE

### About me

I am a senior computer science and engineering student at Yeditepe University, where I am actively engaged in research to improve myself in my department and other areas of technology. Over the course of my four-year university program, I have developed many projects, I will graduate after submitting my graduation project. Additionally, I am advanced in speaking and writing advanced English and have a beginner level proficiency in Spanish. Lastly, I have achieved success in athletic sports and currently play on a flag football team.

## EDUCATION

### Bachelor of Science in Computer Engineering

Yeditepe University, Istanbul

Sep 2019 - Present

### Prep-School

Yeditepe University, Istanbul

Sep 2018 - May 2019

## INTERNSHIPS

### Frontend Developer Intern

PIA, Istanbul

Jun 2022 - Jul 2022

During my internship, I developed a rental website that allows users to easily search and rent various types of products, streamlining the rental process and enhancing user experience. Throughout this process, I mainly worked on the frontend of the project but also contributed to the backend.

## EXPERIENCE

### Student Volunteer Co-Chair

ECSA 2023 (European Conference on Software Architecture )

Member of the Organizing Committee.

[ecsa-2023-organizing-committee](https://ecsa-2023-organizing-committee)

### Web Designer

ECSA 2023 (European Conference on Software Architecture )

<https://conf.researchr.org/home/ecsa-2023>

Redesign in accordance with the current conference

Jan 2023 - Present

## Researcher

Jan 2023 - Present

Yeditepe-SERG, Yeditepe University, Istanbul

Yeditepe-SERG conducts active researches in the field of software engineering, focussing specifically on software architectures, model-based and model-driven engineering, requirements engineering.

## Summer Bootcamp

Jun 2022 - Jul 2022

PIA, Istanbul

In addition to HTML, CSS, Spring Boot and DevOps courses, we developed a website project with using Angular and Java Spring Boot.

## PROJECTS

### Platooning System

Feb 2023 - Present

Yeditepe University graduation project

Currently pursuing my graduation project to complete an autonomous convoy system that I am developing using ROS2 and Gazebo on Linux.

### Kirala.co Rental Website

Jun 2022

Personal Project

We have built a website that allows for product rental. Two of us worked on the backend and frontend. We used PostgreSQL for the database.

### RFID TAG

Sep 2021 - Dec 2021

Personal Project

RFID technology makes it possible it to write, update and read data or products remotely with the help of radio waves. In this project that cloud not finish for some reasons,we have aimed to develop the product reader and printer program and the customer interface by using winform tools with C#.

### Simple Text Editor

May 2021

Yeditepe University

In this project, we have aimed that implement a simple text editor with a user interface . We have written our text editor in C and used gcc compiler on Linux.

### Movie Rating Program

May 2021

Yeditepe University

In this project, I have aimed that create a data structure to use in a movie rating program by utilizing C++. There will be stored 3 variables (name, rate and year) for each movie, and they will be kept in a sorted manner according to these variables.

## SKILLS

Python, C, C++, C#, Java, SQL, MongoDB, HTML, CSS, JavaScript, Angular, Linux, Gazebo, Ros2