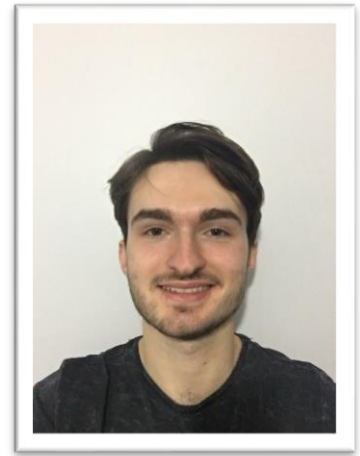


Name Sefa Alp
Date of Birth 04/04/1996
Place of Birth Istanbul/Turkiye
E-Mail alpssefa@gmail.com
Phone +90 539 212 3942

Git-Hub : <https://github.com/sefalp>



(Capabilities sorted from high to low)

Skills Python, Java Script, Matlab, HTML, CSS, Java(object oriented), C

Languages English (Advanced), German (Pre Intermediate)

Education

MEF University, Istanbul, Turkey

October 2015 - Present Electric

and Electronic Engineering / %75 Scholarship

Work Experience

Lifeguard | United Pools Management | Atlanta, Georgia

June 2017 - October 2017

- Sustaining safety of costumes as a lifeguard in a lake. Arranging pool chemical levels.
- Teaching children how to swim

. Intern | DESI Alarm and Security Devices | Istanbul, Turkey

June 2018 - July 2018

- Producing embedded alarms for doors.
- Working on car security devices.
- Working in the quality control department.

. Intern | Pavotek | Istanbul, Turkey

June 2019 - August 2019

- Bug detection and code built on military router.
- Socket programming for video and audio transport.

Projects

“ Ping- Pong game created using Javascript with object oriented logic”

For having fun created classic ping pong game with using javascript. Each touch with paddle increases balls speed and game becomes harder when it takes longer. Each player has three life.

“ Animation on Java programming using with object-oriented technique. “

I made this animation as a faculty project. To summarize, I created a world of squares. There are two types of squares which blue and brown. Blue represents water and brown represent soil. Also, I created a cat on visual. It moves on the world randomly on the brown squares if it reaches sea turns back to the soil and continues to move. Cat's every motion leaves a red mark behind thus travels the whole world.

“ Speaker recognition program which uses supervised machine learning. “

Created speaker recognition program named Earwig that can analyze meeting speech and split speech parts according to speakers.

“ Guitar tuner on Matlab “

With using signals and systems background I created this program. Mainly used Fourier transform technique to observe every frequency in each frame and filtered signals according to programs wanting frequency

“ Auto-playing pi piano with using PIC microcontroller “

It was a group work my teammate created the piano which occurs with four distance measuring sensor with raspberry pi. Every sensor represents different octave and according to distance piano plays the notes. My part was mainly on PIC microcontroller, I designed four pulleys which runs with step motors connected to the microcontroller. These pulleys move on the distance sensors according to my code into microcontroller and play music.

And more in my Git-Hub repositories (included information part in CV) ...

Hobbies

Coding, Latin Dance (Salsa - Bachata), Calisthenics, Reading psychology based books