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# FURKAN SARIYAR

## EDUCATION

07/2020
09/2015

### Marmara University

- Computer Engineering (English)
- GPA: 3.08

06/2015
09/2011

### Nevzat Ayaz Anatolian High School

## EXPERIENCE

08/2019
08/2018

### NG Software & Services

*Junior Software Developer*

- Frontend applications with Angular and Ionic Framework
- Backend apps and Microservices with Java Spring Framework

06/2018
07/2017

### Marmara University Innovation and Technology Transfer Application and Research Centre (MITTO)

*Part-time Student*

- I had managed the MITTO web page and social media accounts. Also, I had prepared banners for events using Adobe Photoshop.

## PROJECTS

- **Mobile Corba Map Data Processor** *[June 2019 - August 2019]*

  It is a mobile application project for the use of the Vodafone executive team. The purpose of this project is to show Vodafone's WDM alarms and site outages. It is a hybrid application that coded with **Java Spring** for back-end, and coded with **Ionic Framework (version 4)** for front-end. A project that I took part in the company (NGSS) where I used to work.

- **İBB WiFi User Log Dump E-Mail Notification** *[February 2019 - May 2019]*

  This project is actually an API that connected to the İBB WiFi project. In this project, for the users who want to see the log dump, the user information and the log dump of the user are retrieved from the relevant database. Then, these information are put into a suitable format and sent to the user by e-mail. This API was developed using **Java**. A project that I took part in the company (NGSS) where I used to work.

## PERSONAL

Date of Birth: 15.08.1997
Place of Birth: Erzincan
Marital Status: Single
Driving Licence: Class B

## SKILLS

- Java
- Python
- C
- Angular 2+
- Ionic (version 3, 4)
- TypeScript
- Android Programming
- REST API
- GIT
- SQL
- JSON
- Bootstrap
- Html & CSS & SCSS
- Adobe Photoshop

## LANGUAGES

- Turkish (Native)
- English

PROJECTS

- **Otosor** *[January 2019 - February 2019]*

  Otosor is a project that shows the statictical data of vehicles listed for sale and facilitates the analysis of the data by providing detailed filtering option. I developed the front-end part of the project using **Angular 6.** A project that I took part in the company (NGSS) where I used to work.

- **Sweat** *[August 2018 - January 2019]*

  Sweat is a location-based social media that provide sharing message by anonymously. It is a hybrid application that coded with **Java Spring** for back-end, and coded with **Ionic Framework (version 3)** for front-end. A project that I took part in the company (NGSS) where I used to work.

*Projects listed hereafter are course projects.*

- **Hybrid Book Recommendation System** *[September 2019 - June 2020]*

  This project is the graduation project. The purpose of the project is to make a system that recommends books to users. Machine learning comes into play in determining the books to be recommended. For this, users historical data are used in collaborative filtering approach, books meta data is used in content based approach. **Python** is used in the development of machine learning part, **Java** is used in back-end of the system and **Angular 7** is used in front-end of the system.

- **Nöbetçi Eczanem** *[October 2019 - January 2020]*

  This project is a mobile application that list the pharmacies on duty in Istanbul and show them in Google Maps. It is a native application that coded with **Java in Android Studio**. A project that is for my "Mobile Device Programming" course.

- **Image Colorization** *[October 2019 - January 2020]*

  The purpose of the project is to add chrominance to gray-scaled images. For this, Generative Adversarial Network (GAN) was used. It was coded with **Python**. A project that is for my "Introduction to Machine Learning" course.

- **Socket Programming** *[October 2019 - January 2020]*

  The purpose of the project is to provide connection between services using TCP sockets. For this, a simulation of travel agency was created in this project. It was coded with **Java** for back-end and **Java Gui** library was used for its visualization. A project that is for my "Computer Networks" course.

- **Text Mining Application** *[October 2018 - January 2019]*

  In this project, after reading the txt, pdf or docx file, TF(term frequency) and TF-IDF(term frequency inverse document frequency) statistics are calculated by using words in the file. These data are saved in an excel file and Word Cloud is drawn using these statistics. It was coded with **Python**. A project that is for my "Object Oriented Software Design" course.