

Yagmur Basak Bayraktar

 yagmurozonay |  yagmurbasakbayraktar@gmail.com |  +1.984.810.97.30

EDUCATION

2022 - present **Master of Computer Science**, anticipated December 2023 (GPA: -/4.0)
North Carolina State University, Raleigh, NC

2013 - 2017 **Bachelor of Science** in Electrical and Electronics Engineering (GPA: 3.04/4.0)
Bilkent University, Ankara, Turkey

SKILLS

Languages: Python, Java, MATLAB, SQL, C
Tools: VS Code, Jupyter Notebook, Git, SVN, Jira, IBM Doors, MySQL, MSSQL

WORK EXPERIENCE

Systems Engineer, ASELSAN, Ankara, Turkey Aug 2020 - July 2021
Coordinated environmental and factory acceptance testing processes and documentation of a military electro optics imaging project

Systems Engineer, Cyber Security and Big Data Directorate, STM Savunma Teknolojileri Mühendislik, Ankara, Turkey Apr 2019 - July 2020
Conducted systems requirement analysis, coordinated preliminary and critical design for two different projects following Waterfall development, and one software project following agile development

Systems Engineer, Aydın Yazılım Elektronik Sanayi, Ankara, Turkey Oct 2017 - Apr 2019
Conducted systems requirement analysis, coordinated preliminary design, critical design and factory acceptance for a shelterization project as subcontractor of ASELSAN

Part-time Software Engineer, Planote, Ankara, Turkey Aug 2015 - July 2017
Code development, database and content management

PROJECTS

People You May Know

A project for the course Automated Learning and Data Analysis. By using different types of machine learning, edge detection between vertices in the Facebook Social Circles in the SNAP dataset.

Gifter [Link to Repository](#)

A project for the course Software Engineering. A social web platform that keeps wish lists of users to make gift giving easier.

Smartify - Senior Design Project [Link to Video](#)

A project for the course Innovative Product Design and Development I – II, Senior Project. The project consists of a variety of modules converting regular devices to IoT Based Smart Home devices.

Instagram Hashtag Generator

A project for the course Machine Learning. The projects consist of different types of machine learning algorithms which predict Hashtags of photos obtained from Instagram.

CERTIFICATES & AWARDS

Data Science: Natural Language Processing (NLP) in Python Certificate by Udemy

Issued in March - 2022

Credential ID: UC-75a3accb-76ec-4f7c-b33f-8f6afe03851e

Machine Learning Certificate by Coursera

Issued in November - 2021

2021 Complete Python Bootcamp From Zero to Hero in Python by Udemy

Issued in September - 2021

Credential ID: UC-d5183e87-2ee8-452d-be73-b0d77cdd15fb

EXTRACURRICULAR

President of Turkish Student Association at North Carolina State University

Foreign languages: English, Spanish, Japanese

Interests: Dancing, ballet, piano, literature, cooking