



AYGEN YUCEL

Computer Engineer

A computer engineer who is extremely self-disciplined and hard-worker. Enjoys researching, setting goals and challenges. Attaches importance to self-improvement.



aygenyucel@outlook.com



Izmir, Turkey



linkedin.com/in/aygenyucel



github.com/aygenyucel

SKILLS

HTML5

CSS3

JavaScript

WordPress

Node.js

Well-disciplined

Communication Skills

Result-oriented

LANGUAGES

Turkish

Native or Bilingual Proficiency

English

Professional Working Proficiency

INTERESTS

History of art

Drawing

Cycling

Artificial Intelligence

Graphic designing

Camping

Playing chess

Metaverse

EDUCATION

Ege University Computer Engineering

08/2016 - 07/2022

Izmir, Turkey

WORK EXPERIENCE

Intern

Republic of Turkey Ministry of Culture and Tourism (I.T.)

07/2020 - 08/2020

Ankara, Turkey

Achievements/Tasks

- Building mobile apps using Flutter
- Fixing bugs
- Testing apps

PERSONAL PROJECTS

Financial Time Series Forecasting with Machine Learning Techniques (01/2021 - 07/2021)

- The aim of this study, which is my graduation thesis, is to demonstrate whether an effective forecast can be made on Stock Market movements like BIST 100 and USD/TRY parity movement using artificial neural networks models, deep learning and eight different machine learning techniques.
- Linear Discriminant Analysis and Quadratic Discriminant Analysis were used for Linear Regression and Principal Component Analysis. Based on Accuracy Score, RMSE, AIC and BIC values, the model with the best results was determined.
- <https://github.com/aygenyucel/financial-time-series-forecasting>.

Database System for Airline Company (01/2021 - 03/2021)

- This database project developed for an airline company. A comprehensive database has been created based on features such as airplane and flight informations (Airplane id, type, seat, arrival and departure airports, flight legs, fare, etc.), customers (name, passport number, seat reservation, check-in etc.), frequent flyers and flight programs.
- MySQL Workbench is used for the database. Also an interface was developed with Python Flask (Web Framework) by integrating with MySQL, where customers can enter their passport numbers and get information about the campaigns and programs they are in.

Online Educational Assessment (OEA) (11/2020 - 02/2021)

- In this project, which is a teamwork, the waterfall process model was applied.
- OEA system provides an environment for teachers to evaluate their students' knowledge about subjects. The system offers teachers a variety of options to create an exam such as multiple choice, true/false, open-ended, ability to add images and videos etc.
- When teachers select a date and start/finish time of an exam, the system checks whether there is a conflict with other exams. If there is any conflict, it must show available times in a timetable. Students are log in to the system with their institutional credentials.