

Bilgehan Kaya

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4th-year computer engineering student at Ege University. Will be graduated in July 2021. Interested in data science, Linux environment, and web services. Recently, working on an online compilation of programming languages and their benchmarking using microservices.

Specialties: Relational Databases, Design Patterns, .NET Core, numpy, pandas, sci-kit

Technologies: Unix Tools, Docker, Git, MySQL, JavaScript, C#, RESTful Web Service, HTML5, CSS, Shell Scripting, Nginx

Languages: Turkish (Native), English (Fluent)

EDUCATION

Ege University

Bachelor in Computer Engineering

GPA: 2.80

September 2017- July 2021

Izmir, Turkey

PROJECTS

<https://github.com/bilgehankaya>

Online Examination System

Java Spring, MySQL, JavaScript

Developed a cloud-based electronic examination system with Spring Framework. A combination of MVC and three-layered architecture is used in this project. For the front-end, Spring MVC, and for the back-end, RESTful Web Service is used.

Online Team Management Tool

Java Spring MVC, MySQL

Designed and developed an Online Team Management Tool that provides collaboration and work coordination for team works. Created a web application that team members can create work schedules by defining tasks with time constraints, dependencies, and division of labor. Spring MVC and MySQL are used.

Notepad Clone

Design Patterns, JavaFX

Developed a Notepad clone using JavaFx with my project team. Our main goal in the project was to use design patterns. Implemented Strategy, Singleton, and Iteration design patterns.

Database Modelling For Kariyer.net, LinkedIn and Moodle Systems

MySQL

Designed a relational database that combines the main features of LinkedIn, Kariyer.net (hiring platform), and Moodle with my project team. Our main objective is to make a more observable hiring process. It allows companies to evaluate candidate's work and projects in the college.

INTERN

Research Intern, Ege University

July 2020- September 2020

Izmir, Turkey

Worked on NLP with my professor at the Ege University. Using web scraped data from social media and news sites, we created models that predict sentiment and word similarity. Popular NLP libraries like NLTK, Gensim, and spaCy are used to develop these models. While working on these projects, I also have experienced transformer-based language model BERT and MongoDB.