

# Bilgehan Kaya

✉ bilgehankaya@protonmail.com • [in bilgehankaya](#) • [G bilgehankaya](#) • ☎ +90 5071891535 • Izmir/Turkey

4th-year computer engineering student at Ege University. Will be graduated in July 2021. Interested in data science, linux environment and the web services. Recently, working on 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. 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 is used.

### Notepad Clone

*Design Patterns, JavaFX*

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

### 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), 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 about NLP with my professor in 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 is used to developed these models. While working in these projects, I also have experienced transformer based language model BERT and MongoDB.