

BİLGEHAN EMİRAL

📍 Istanbul Technical University
@ bilgehan.emiral@gmail.com

🌐 www.bilgehanemiral.com
in /bilgehan-emiral
🔗 /B-emiral

WHO AM I?

I am a computer engineer graduated from Istanbul Technical University (double major program) with a passion of full-stack software development.

I am also interested in Data Science. By visiting the following link, you can visit the web app that I developed from scratch using Flask, so you can test my *genre recognition machine learning model for playlist on Spotify* on your own playlist. [Link: bilgehanemiral.com/spotify](http://bilgehanemiral.com/spotify)

You can also access the paper of my graduation project (Deep Hotel Recommender System Using Aspect-Based Sentiment Analysis of Users' Reviews) which was accepted by ICPR-2022 and is about to be published in IEEE Explorer, on my website.

Marital Status: Single

Military Service: Done (07/09/2021)

Certifications:

- Java SE 11 Programming (25 hours / Live) : [Link: 20212041117](#)
- Advanced Java SE Programming (20 hours) : [Link: 20222100304](#)
- Implementing MicroServices Architecture using Spring Cloud (30 hours / Live) : [Link: 20223500326](#)
- Neural Networks and Deep Learning (Coursera): [Link: RWYCJ3R5EV8Q](#)
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (Coursera): [Link: MQZRFJL4CFRM](#)

PROGRAMMING LANGUAGE STACK

Java	████████████████████
Kotlin	████████████████████
Python	████████████████████
JavaScript	████████████████████
C / C++	████████████████████
Html	████████████████████
CSS	████████████████████
Haskell	████████████████████

I HAVE USED

Java 11	Spring 5	Spring Boot	Hibernate	Vue.js	Typescript	SQL	
●	●	●	●	●	●	●	
NumPy	Pandas	Seaborn	SymPy	Flask	bs4	scikit-learn	TensorFlow
●	●	●	●	●	●	●	●
		c++.STL	Bootstrap	Bulma			
		●	●	●			

I WORK WITH

MacOS	Linux	VS Code	Android Studio	MATLAB	MS Office	Latex	
●	●	●	●	●	●	●	
Intellij	Gradle	GitLab	Jenkins	Kubernetes	JUnit5	Postman	Jira
●	●	●	●	●	●	●	●

EXPERIENCE

9/2021 – Present
full time

Full Stack Software Developer

Softtech A.Ş.

Developed software programs for databases (both SQL and NoSQL) and micro-services on Java, Spring Framework and Hibernate. Refactored, troubleshot and documented existing software to advance code quality. Adapted back-end development and front-end technologies using VueJS. Tested for performance (with junit 5) and functionality (smoke and full)

Java 11 / Spring Framework / Hibernate / SQL & NoSQL / Vue.js / JMeter 5

EDUCATION

2018 – 2022

Bachelor of Science - Computer Engineering

Istanbul Technical University

GPA: 3.11

2017 – 2022

Bachelor of Science - Civil Engineering

Istanbul Technical University

GPA: 3.12

2014 – 2016

Faculty of Law

Marmara University, İstanbul, Turkey

Dropped out

2009 – 2013

Mathematics Branch

Bornova Anatolian High School, İzmir, Turkey

LANGUAGES

Turkish - Native

English - Advanced

German - Beginner

HOBBIES

Chess

Tennis

Psychology

World History

NON PROFIT

In 2017, I participated in the "Bir Başka Yol" ("An Another Way") Project, which aims to bring together disadvantaged high school students and volunteer university students. For 3 months, I helped two students by teaching mathematics and physics.