

# Berkay Buğra Gök

Beşiktaş/İstanbul

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My portfolio website: [www.berkaybgk.site](http://www.berkaybgk.site)

This website, where I showcase my work, is entirely developed and managed by me using free services.

## EDUCATION

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### Boğaziçi University

BSc. in Computer Engineering, Current GPA: 3.35

October, 2021 – June, 2026

İstanbul

### Akhisar Fen Lisesi

Ranked 287th in the national university entrance exam

September, 2017 – June, 2021

Manisa

## EXPERIENCE

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### Udemy

Software Engineering Intern

June, 2025 – August, 2025

İstanbul

- Contributing to the Instructor Portfolio team by trying to enhance the instructor experience through AI-driven features and smart solutions.
- Improving and refactoring Udemy's Role Play feature (Real-time voice and text chatting to practice soft skills on courses) based on user feedback; monitoring performance and implementing optimizations.
- Developing full-stack applications in an agile environment, working with both microservices and monolithic architectures using Django, React, Kotlin and NodeJS.

### Orphex

Software Development Intern — AI Engineer

June, 2024 – November, 2024

İstanbul

- Developed an AI assistant ChatBot using Retrieval Augmented Generation (RAG) with frameworks like LangChain and LangGraph, integrating Large Language Model agents and tools.
- Used vector databases (ChromaDB) and graph databases (Neo4j) for context awareness and similarity search, creating a custom graph database with Cypher.
- Applied machine learning techniques to analyze marketing data and designed a mechanism for personalized recommendations based on customer profiles and metrics like CTR and ROAS.
- Integrated the assistant into company software via Django REST Framework, creating an internal API, implemented and integrated Cron Jobs to automate routine tasks and make database transactions.

## PROFILE AND PROJECTS

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I'm a senior computer engineering student with a passion for learning and adaptability. My current interests lie in software engineering, data science and machine learning. I'm looking forward to applying my skills in different fields, have a role in which I can make a positive impact and gain hands-on experience.

### Portfolio Website | Python, Django, HTML, React, SQLite, AWS/EC2, Nginx

- Developed a full-stack website to showcase my work.
- Bought a cheap domain and deployed the website on a free-tier EC2 instance.
- Added authorization and security protocols.
- Used workflows and cronjobs to automate things and achieved CI/CD.
- Created a dashboard to display metrics and show insights about the recent earthquakes around Turkey.

### Data Related Projects | Python, Pandas, Numpy, Sci-kit Learn, PyTorch

- Developed an end-to-end price prediction project for luxury watch prices using Gradient Boosting Regressors by using the data I scraped from the internet.
- Made exploratory data analysis and visualizations in order to engineer features for various datasets.
- Applied different ML techniques to correctly identify the data, made predictions and categorizations.