

Kemal Bora Bayraktar

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Education

Technische Universität Berlin

B.SC. IN COMPUTER SCIENCE

- **Related Coursework:** Algorithms & Complexity, Data Structures.

Sept. 2022 - June 2025

Berlin, Germany

Koc University

ECONOMICS DOUBLE MAJOR

- **GPA: 3.78 / 4**
- **Related Coursework:** Macroeconomics, Microeconomics, Marketing Finance.

Sept. 2021 - June 2024

Istanbul, Turkey

Koc University

B.SC. IN COMPUTER SCIENCE AND ENGINEERING

- **GPA: 3.78 / 4**
- **Related Coursework:** Machine Learning, Algorithms & Complexity, Data Structures, Operating Systems.

Sept. 2020 - June 2024

Istanbul, Turkey

Istanbul Erkek Lisesi

HIGH SCHOOL

- German math and science high school (Gymnasium).

Sept. 2015 - June 2020

Istanbul, Turkey

Experience

Commencis

PART-TIME SOFTWARE ENGINEER

Oct. 2022 - Present

Istanbul, Turkey

Commencis

SOFTWARE ENGINEER INTERN

- Developed a garage sale web application that users can sell and buy items.
- Used React, Redux and TypeScript.
- Worked in Agile methodology with Commencis web development team and other teams.

July 2022 - Sept. 2022

Istanbul, Turkey

Lonca.co

FULL-STACK DEVELOPER

- Created new product entry and stock system.
- Built scheduled scrapers to extract new products and stocks from supplier websites.
- Developed back-end applications using Node.js, Express.js, MongoDB, AWS, Docker.
- Improved user-interface of the website using React.js, Redux.

April 2022 - Oct. 2022

Istanbul, Turkey

Eczacibasi

DATA SCIENCE INTERN

- Analyzed and visualised data using Pandas, Numpy, Streamlit, Plotly libraries.
- Scraped data from web using Scrapy framework and stored it on MongoDB.
- Created a product recommendation engine for the customers based on their past transactions.
- Performed customer segmentation and basket analysis with past years data to optimize the profit.
- Developed an image recognition based machine learning project and trained ML models on Google Colab.

June 2022 - July 2022

Istanbul, Turkey

Intelligent User Interfaces Laboratory, Koc University

UNDERGRADUATE RESEARCH ASSISTANT

- Worked on AI-Assisted PowerPoint Designer Project under supervision of Dr. Metin Sezgin.
- Recognition of sketched shapes and creating a PowerPoint add-in solution.
- Developed a back-end server with Python Django framework.

Feb. 2022 - June 2022

Istanbul, Turkey

Influanza

MARKETING INTERN

- Influanza is an innovative social media marketing startup based in Istanbul.
- Made presentations on behalf of the brand at many events in the Berlin startup ecosystem, in order for the brand to spread in the German market.

June 2017 - July 2017

Berlin, Germany

Volunteer Experience

Istanbul Erkek Lisesi Sportfest Committee

May 2016 - June 2019

EXECUTIVE COMMITTEE MEMBER

Istanbul, Turkey

- Coordinated festivals with the sponsorship budget obtained from the companies.
- Took part in arranging of workshops, sport tournaments and social responsibility projects.
- High number of international participants.

Sporbi

Nov. 2016 - June 2017

BOARD MEMBER

Istanbul, Turkey

- Board member and content creator at start-up.
- Sport content website founded with a team in high school.

Skills

Programming	Python, Java, C, C++, JavaScript, TypeScript, Bash
Data Science	Numpy, Pandas, Scrapy, Streamlit, Matplotlib, Plotly
Web-Development	Node.js, Express.js, React.js, Redux, HTML5, CSS3, SASS, Bootstrap
Tools	Docker, AWS, MongoDB, SQL, Git, GitHub, GitLab, Linux Shell
Languages	English, German, Turkish

Honors & Awards

20'-22'	Vehbi Koc Scholar , Awarded in Fall'20, Spring'20, Fall'21 and Spring'22 for high academic performance.
2017	Känguru der Mathematik , 1st Prize Winner at German Math Contest by Humboldt Universität zu Berlin.

Certificates

2022	Koc University PowerPoint Certificate Program , PowerPoint workshop by Koc University.
2020	Deutsches Sprachdiplom der Kultusministerkonferenz (DSD) B2 , Language Certificate given by German Ministry of Education.