

# Kemal Bora Bayraktar

Biçer Sk. Zekeriya Köy Mah. Sarıyer, İstanbul

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## Education

### Technische Universität Berlin

B.Sc. IN COMPUTER SCIENCE

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

Oct. 2022 - Aug. 2024

Berlin, Germany

### Koc University

ECONOMICS DOUBLE MAJOR

- **GPA: 3.8 / 4**
- **Related Coursework:** Macroeconomics, Microeconomics, Marketing Finance.

Sept. 2021 - June 2024

Istanbul, Turkey

### Koc University

B.Sc. IN COMPUTER SCIENCE AND ENGINEERING

- **GPA: 3.8 / 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

- Currently working as a 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 SOFTWARE DEVELOPER

- Worked as a Full-Stack Developer at e-commerce start-up.
- Created new product entry and stock system.
- Built scheduled scrapers to extract new products and stocks from supplier websites.
- Developed back-end and front-end applications using Node.js, Express.js, MongoDB, AWS, Docker, React.js, Redux.

April 2022 - Oct. 2022

Istanbul, Turkey

### Eczacibasi

DATA SCIENCE AND MACHINE LEARNING 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

## Leadership & Extracurricular Activities

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### Istanbul Erkek Lisesi Sportfest Committee

May 2016 - June 2019

EXECUTIVE COMMITTEE MEMBER

*Istanbul, Turkey*

- Coordinated festivals with the sponsorship budget obtained from the companies, and led a committee over 50 people.
- 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

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

## Honors & Awards

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- 20'-23' **Vehbi Koc Scholar**, Awarded in Spring'20, Fall'21-22, Fall'22-23 for high academic performance.
- 20'-23' **Dean's Honor Roll**, Awarded at each semester for high academic performance.
- 2017 **Känguru der Mathematik**, 1st Prize Winner at German Math Contest by Humboldt Universität zu Berlin.

## Certificates

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- 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.