

# Kerim Selçuk Terzi

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## EDUCATION

### Yeditepe University %100 Scholarship

Bachelor of Computer Science

Ataşehir, İstanbul

June 2022 – Present

### Kanuni Anadolu High School & YKS 2024

Achieved a top percentile, placing about **2000th** position over 2.5 million participants.

Ortahisar, Trabzon

Sep. 2016 – June 2021

## COMPETITIONS AND BOOTCAMPS

### Solution Sprint Hackathon

9 March 2024

Altınbaşak University and **GDSC** clubs of other 7 Universities

Bağcılar, İstanbul

- As a member of the Cobra Team, we developed social app for **disabled children** in this 24-hour hackathon
- Achieved **first place** gaining valuable experience in time management, team collaboration and development.
- Apps main focus was helping disabled children find communities where they can socialize with each other.
- For this project, we utilized **Figma** for UI/UX design, **Node.js** for server-side operations, and **Flutter** as the web framework to create a user-friendly application.

### inzva Algorithm Program

Sep. 2023 – Nov. 2023

BEV foundation , inzva

Beyoğlu, İstanbul

- Participated in a comprehensive bootcamp dedicated to **advanced algorithms**, including **graphs** and segment trees.
- The program involved in-depth lectures and practical applications of algorithms in **competitive programing**.
- Advancing problem solving skills in **algorithmic thinking** problems using math and **data structures**.
- As well as gaining valuable experience in **team collaboration** and experience.

### inzva Summer Camp

June 2023

BEV foundation, inzva

Beykoz, İstanbul

- Attended an intensive week-long camp focused on algorithms and data structures.
- The program included lessons, **outdoor activities**, and **team-building** exercises.
- Developed a foundational understanding of algorithmic concepts and enhanced skills in **team collaboration**, problem-solving in competitive programing, **team management** and collaboration.
- Solved around 100 **LeetCode** problems in **Python** and **Cpp**.

## PROJECTS

### Simple Projects | Python, HTML/CSS, javascript, MongoDB, Node.js, Express.js, Expo

April 2024 – Present

- The primary goal of this project was to advance my **web development** skills with small to mid-sized applications.
- I developed a variety of tools and games, including a weather application, a movie guide application as well as a **backend server** for a social-blog website.
- Throughout this process, I enhanced my skills in backend with the web technologies. Additionally, I gained substantial experience in integrating **APIs** and managing other **endpoints**.

### Hand Written Digit Reader | Python, Jupyter Notebook, Pandas, TensorFlow, Matplotlib

Sep. 2023 – Present

- Developed an artificial **neural network** for the identification of handwritten digits using the MNIST dataset.
- The primary objective of this project was to establish a fundamental understanding of **machine learning** principles to achieve this, the neural network was built from **scratch**, with basic matrix multiplication and **gradient algorithms** without relaying on advanced AI technologies.
- The project uses essential data manipulation and analysis tools, including **Pandas**, **NumPy** and **Matplotlib**. After training on the MNIST dataset, the network was tested with a separate dataset, achieving an accuracy rate **exceeding 80%**.

## TECHNICAL SKILLS

**Languages:** Python, C/C++, JavaScript, HTML/CSS

**Frameworks:** Node.js, Express.js

**Developer Tools:** Git, Github, Jupyter Notebook, Google Cloud Platform, VS Code, Visual Studio, Xcode, Expo, Figma, Postman, MongoDB, Vim

**Libraries:** pandas, NumPy, Matplotlib, TensorFlow, Scikit-Learn