



# ZELIHA HANIM KARAPINAR

24 years old ungraduate student

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Istanbul-Pendik, 34890

## ABOUT ME

I am an undergraduate student who is eager to learn and loves self-improvement. I try to gain experience in different fields to improve myself.

## EDUCATION

### Student | Mechanical Engineering (English)

Marmara University, Turkey 2019-  
GPA:3.18/4

*Ibrahim Sina Kuseyri*

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sina.kuseyri@marmara.edu.tr

### Exchange Student | Mechanical Engineering

University of Applied Sciences Mittelhessen,  
Germany Oct 2022 - Apr 2023

## TECHNICAL SKILLS

- MATLAB
- Python
- MS Office
- Autocad
- SolidWorks
- Photoshop
- Inventor
- Ansys
- Machine Learning
- Data Science
- Computer Vision
- Catia

## LANGUAGES

- English - Professional Working
- German - Elementary Level
- Turkish - Native

## PROJECTS

### Undergraduate Researcher | TUBITAK -

#### Sabancı University

Reverse Digital Twin Applications in  
Machining Processes" project with Prof. Dr.  
Erhan Budak

Istanbul Feb 2024 - ~

### Baykar & Cezeri AI and Robotics | Stajyer

Damage Detection in Earthquake

Robust in AI

Istanbul Teknopark July-Aug 2024

## WORK EXPERIENCE

### Working Student | Asistant General Manager

Matematik Röntgeni, Istanbul

Jun 2021 - Oct 2022

- During my internship, I supported the General Manager of a company providing mathematics lectures, managing and analyzing data in Excel to contribute to educational initiatives and strategies.

### Intern | Artificial Intelligence

Tübitak SAGE, Ankara

Aug 2022 - Oct 2022

- During my internship, I focused on applying machine learning techniques and optimization algorithms, developing mathematical models, and analyzing datasets to extract meaningful insights.

*Talha Korkmaz - Ai Leader*

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### Intern | Artificial Intelligence

Baykar & Cezeri Ai and Robotics, Istanbul,

July 2024 - Aug 2024

- Participated in an earthquake damage assessment project, gaining expertise in computer vision, transfer learning, data science, and AI, achieving successful results.
- In a project on robustness in AI, researched and applied defense methods against attacks on data, leading to successful outcomes.

### Intern | Mechanical Engineering

Turkish Technic, Istanbul,

Aug 2024 - ~

- Acquired knowledge of aircraft components within a unit containing 360 components in an electromechanical workshop. Designed tools to support testing, completed SolidWorks drawings, conducted analyses, and observed the manufacturing process.

*Semih Sancaklı - Electromechanic Shop Superintendent/Chief*

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## EXTRACURRICULAR

### Board Member | Bir Çocuk Bir Umut Association

Istanbul

Oct 2019 - Oct 2022

- Board member of an association dedicated to ensuring equal education opportunities for children, providing engaging lessons in village schools to foster curiosity and joy in learning.

### Work and Travel Program

Huttopia White Mountains, USA

May 2023 - Oct 2023

- During my Work and Travel program in the USA, I learned independence, problem-solving, and improved my English while making lifelong friends in a challenging yet rewarding experience.