

# İLKER ERKEK

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## Education

### Dokuz Eylül University

B.Sc. Computer Engineering GPA: 3.23/4

İzmir, Turkey

Sep 2019 - Present

## Work Experience

### Algomedi

Software Engineer Intern

İzmir, Turkey

Feb 2022 - Present

- Created and deployed a Convolutional Neural Network model with our team, using Keras and ML.Net that can classify waveform types of Electrocardiography signals with up to 93% accuracy.

### Pialab

Junior Software Engineer

İzmir, Turkey

Jun 2021 - Feb 2022

- Developed a modern Rest API using ASP.Net Core Framework for resource management and accounting application for companies and organizations.
- Created a chatbot mobile application that uses Azure Cognitive Services to help salespeople categorizing and finding their products more easily.
- Addressed production bugs and implemented new features to current existing web services using ASP .Net Framework.

## Skills

Technical Skills:	Algorithm Implementation, Data Analysis, Mathematics, Software Development, Machine Learning
Soft Skills:	Teamwork, Curiosity, Analytical Thinking, Problem Solving
Programming Languages:	Python, C#, JavaScript, Java, C/C++, SQL, HTML/CSS
Frameworks And Libraries:	.Net Core, TensorFlow/Keras, Node.js, Express.js, React, Pandas/Matplotlib/Seaborn
Tools:	Git, Postman, Bash, Linux

## Projects

### Deep Computer Vision CIFAR-10 Python, TensorFlow/Keras

Created a Convolutional Neural Network to predict different classes of objects as a Kaggle Challenge using TensorFlow and Keras API.

### Titanic Survival Prediction Python, TensorFlow/Keras

Used Linear Classifier to predict the outcomes of this tragic accident.

### Sales Analysis Python, Pandas

Used Pandas to analyze which date intervals are better for an advertisement campaign. What can a company do to increase their sales in these seasons.

### Weather App JavaScript, HTML/CSS, React

Developed a weather forecast application using Weather API and React.js library for the frontend SPA.

### Public Blog App Node.js, Express.js, React

Created a public blog app that users can share images or plain text posts, developed using MongoDB, React.js and Express Framework.

## Languages

**Turkish** Native Proficiency

**English** Professional Working Proficiency

**Spanish** Elementary Proficiency

## Interests

Artificial Intelligence, Physics, Philosophy, Graphics Design, Mathematics, Books, Video Games