

# Ender Orman

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## EDUCATION

### HACETTEPE UNIVERSITY BS IN ARTIFICIAL INTELLIGENCE ENGINEERING

2021 -- Present | Ankara, Turkey

- Developed a solid understanding of Object-Oriented Programming (OOP) and design patterns.
- Acquired foundational knowledge in Machine Learning and Artificial Intelligence, including classification, regression algorithms, clustering, and principal component analysis.
- Attained a strong command of data structures and algorithms.
- Engaged with databases, specifically SQLite, through various assignments.

GPA: 3.33 / 4.0

## SKILLS

### DATA SCIENCE

Pandas • Numpy • Scikit-Learn  
• Machine Learning

### PROGRAMMING

Java • Python • C++ • SQL

## EXPERIENCE

### MINISTRY OF TREASURE AND FINANCE | DATA ENGINEER INTERN

July 2024 - August 2024 | Ankara, Turkey

- Worked on Data Build Tool (dbt) and built a data transformation pipeline.
- Collaborated with team members on basic tasks related to data processing and analysis.

## PROJECTS

### PATHFINDING VISUALIZER | GITHUB

- Built pathfinding visualizer using pygame.
- Implemented shortest path algorithm based on A\* Search.

### SMART HOME SYSTEM | GITHUB

- Developed and implemented a smart home system using Java, integrating various smart devices.
- Applied object-oriented programming principles to create a modular and efficient design.

### TETRIS | GITHUB

- Developed a Tetris game in C++ from scratch, without relying on external libraries.
- Utilized linked list data structures to manage block representation and game operations.

### AIRLINE REVIEWS | GITHUB

- Developed a classification model using the British Airways Customer Feedback dataset.
- Implemented logistic regression and k-nearest neighbors (KNN) classifiers to predict customer recommendation likelihood.
- Analyzed model performance and optimized parameters to enhance prediction accuracy.

### IMAGE CONVOLUTION | GITHUB

- Decoded and encoded messages within images using image convolution techniques.
- Implemented image convolution and sharpening algorithms in C++.

## CERTIFICATES

### INZVA 2024 ALGORITHM SUMMER CAMP | INZVA

- Participated in Inzva 2024 Algorithm Summer Camp and solved various algorithmic problems.

### ALGOEXPERT | ALGOEXPERT

- Completed 100 algorithmic questions on AlgoExpert.io.