Cemilhan Sağlam

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Ankara, Türkiye

OBJECTIVE

I am a 3rd year student of Computer Engineering at Ankara Yıldırım Beyazıt University. I am eager to improve my coding skills and gain hands-on experience in software development. I actively seek opportunities to grow professionally and solidify my place in the technology industry.

EDUCATION

- **Ankara Yildirim Beyazit University** *September 2021 - June 2026*
  Computer Engineering Ankara, Türkiye
  - GPA: 3.31/4.00

EXPERIENCE

- **Milli Teknoloji Akademisi - Ministry of Industry and Technology** *November 2024 – Present*
  Artificial Intelligence Specialization Program
  - Successfully completed the foundational training of the Artificial Intelligence Specialization Program and am actively continuing the specialization phase.
  - Worked with libraries such as **XGBoost, scikit-learn, tsfresh,** and **yfinance** for machine learning models, data engineering, and data analysis.
  - Gained knowledge of **PostgreSQL** database integration.

PROJECTS

- **Battle Ship** *November 2024*
  CENG-305 Final Project
  - The project simulates a ship war game where two processes take turns attacking each other and trying to hit each other's ships.
  - The project is written using the **C language** and uses the **IPC (Inter-Process Communication)** mechanism pipe to provide data exchange between processes.
  - A team of 4 worked on the design and implementation of the application.

- **Path-Blocker Game** *November 2024*
  CENG-317 Final Project
  - The main purpose of the game is to reach the goal without getting into dead ends on the game map and by finding the shortest path.
  - The project was written in **Java** and **search algorithms** were developed to find the shortest paths.
  - A team of 4 worked to design and implement the project.

- **Checkers Game** *December 2024*
  CENG-201 Final Project
  - The project is a classic checker game.
  - The project was developed in **C++** and the **SFML library** was used for the graphical interface.

- **Housing Price Prediction** *February 2025*
  Regression Analysis Assignment
  - Developed a regression model to predict California housing prices using **Pyhton , PySpark** and **Spark ML**.
  - Applied data preprocessing, feature engineering, and model evaluation techniques.

- **Stock Classification Model** *January 2025*
  Machine Learning and Financial Analysis
  - Built a model to classify stocks based on their sectors using **XGBoost, CatBoost,** and **Gradient Boosting**.
  - Implemented data extraction with **yfinance**, feature extraction with **tsfresh**, and data processing with **scikit-learn**.

TECHNICAL SKILLS

- **Java**
- **C**
- **C++**
- **Python**
- **SQL**