# MELİS CAN

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## SUMMARY

I'm **Melis Can**, a third-year **Software Engineering** student at **Istanbul Atlas University**. I love turning theoretical knowledge into practice, constantly improving myself through projects and hands-on experience. I'm passionate about **artificial intelligence, data science**, and **software development**. **Problem-solving**, creating new things, and using technology to develop meaningful solutions excite me. With my experience in **teamwork** and **project management,** I can easily adapt and collaborate in dynamic environments. My goal is to develop **AI-driven** solutions that make life easier and create impactful, scalable technologies.

## EDUCATION

**Istanbul Atlas University, BSc in Software Engineering** — **Oct 2022 - Expected 2026**

**Yaşar Kımıl Science High School, Denizli** — **2016 - 2020**

## WORK EXPERIENCE

**Intern** — **June 2024 - Aug 2024**

📍 **ADM Electricity Distribution Company, Denizli**

- During my internship at ADM, I had the opportunity to experience the dynamics of corporate life and gain insights into the organizational structure of the electricity sector.
- Worked on **SQL-based database operations** and **SAP data processing** for project management.
- Gained experience in **data analysis and system optimization** within the electricity sector.
- Improved problem-solving skills in a real-world corporate environment.

## TECHNICAL INFORMATION

### Technical Skills:

**Programming Languages:** Python, Java, SQL, C, Scheme, Prolog

**Machine Learning & Data Science:** TensorFlow, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn

**Database & Tools:** SQL, SAP, RapidMiner

**Web Technologies:** HTML, CSS, JavaScript

**Languages:** English (B2)

## CERTIFICATIONS

**Young Executive Academy (2022-2023)**

- Digital Transformation and Big Data
- Entrepreneurship
- E-commerce and Influencer Marketing

## PROJECTS

### 📌 Electricity Consumption Prediction Using Neural Networks

This project focuses on predicting electricity consumption using machine learning techniques. By leveraging historical consumption data and external factors, the model predicts future energy demand with high accuracy.

- Developed a **machine learning model** to predict electricity consumption based on historical data.
- Utilized **TensorFlow and Keras** for model training and optimized hyperparameters to enhance model performance.

**Technologies:**
Python, TensorFlow, Keras, NumPy, Pandas, Matplotlib, Seaborn

**GitHub:** github.com/meliscann/electricity-consumption-prediction

### 📌 Online Shopping System Simulation

Developed a simple online shopping system using Java and key design patterns to simulate shopping cart management, product discounts, payment methods, and order status notifications.

**Key Features:**

- Shopping Cart with add/remove functionality.
- Discount system applied to products.
- Multiple payment methods handled via a factory pattern.
- Order status notifications sent to customers.

**Technologies:**
Java, Object-Oriented Design Patterns

**GitHub:** github.com/meliscann/online-shopping-simulation

### 📌 Memory Grid Game

Developed a memory-based grid game using Java, implementing object-oriented programming (OOP) principles such as interfaces, classes and method overriding. The game allows users to open grid cells, memorize their contents and make predictions.

**Technologies:**
Java, Object-Oriented Programming, Scanner Class

**GitHub:** github.com/meliscann/memory-grid-game