

# HAKAN GEZGINCI

SOFTWARE ENGINEER

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## EDUCATION

### Ege University

Bachelor of Science in Computer Engineering

Expected Graduation Year : 2026

## TECHNICAL SKILLS

<b>Programming</b>	C#, Java, Python, JavaScript, C++, SQL
<b>Development</b>	.NET, Bootstrap
<b>Tools</b>	MySQL, Git, GitHub, VSCode, Visual Studio

## PROJECTS

### Predictive Academic Performance Model

**Technologies Employed:** C# .NET 4.7.2 , Git, Github

[Project Link](#)

- Neural Architecture Optimization: Engineered and deployed a sophisticated artificial neuron, meticulously fine-tuning its structure for superior predictive accuracy.
- Comprehensive Data Synthesis: Integrated study time and class attendance data into a cohesive dataset, ensuring a comprehensive foundation for insightful analysis.
- Robust Predictive Modeling: Developed a reliable predictive model using advanced machine learning techniques, employing a singular neuron for accurate forecasting of academic outcomes.

### Rubik's Cube Solver

**Technologies Employed:** Standard C++, Git, Github

[Project Link](#)

- Developed a comprehensive Rubik's Cube solving algorithm in C++, showcasing algorithmic proficiency.
- Implemented an efficient solution that minimizes move counts, demonstrating optimization skills.
- Integrated version control with Git and Github, ensuring collaborative development and code management.

## KEY COURSES UNDERTAKEN

### Mathematics and Statistics

- Calculus, Probability and Statics, Physics, Electrical and Electronical Circuits, Linear Algebra , Automata Theory

### Computer Science

- Algorithms and Programming, Data Structures and Algorithms, Digital Logic Design, Fundamentals of Computer Science, Discrete Structures, Object Oriented Programming

## CERTIFICATIONS

- *SQL* - Udemy, 2022
- *Analytics 101* - Akbank, 2023
- *Data Structures & Algorithms* - Udemy, 2023
- *Data Science Day* - Coderspace, 2023
- *Programming* - Udemy, 2022