

# Gizem Tuğuz

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## Objective

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Motivated Computer Engineering student with a strong foundation in software development, technical projects, and collaborative design. Passionate about game programming and machine learning, with skills in programming, project management, and teamwork. Seeking a software developer role to create impactful solutions while fostering innovation and continuous growth.

## Education

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**Eskişehir Technical University**, Computer Engineering *Sept 2022 – Present*

- GPA: 2.59/4.0 (Transcript)
- **Coursework:** Advanced Computer Architecture, Machine Learning Algorithms, Theory of Computation, Data Structures and Algorithms, Operating Systems, and Database Management Systems

**İzmir Institute of Technology**, Molecular Biology and Genetics *Sept 2020 – May 2022*

## Experience

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**Software Development Intern**, Epati Siber Güvenlik – Mersin, Turkey *June 2024 – Aug 2024*

- Developed a chatbot integrated into a company's website to improve customer support by automating frequently asked questions.
- Designed a user interface (UI) for the chatbot using HTML, CSS, and JavaScript, connected via Flask for backend integration.
- Contributed to data cleaning and preprocessing tasks using Python, enhancing the chatbot's performance by 20%.
- Collaborated with senior developers to troubleshoot and debug code, focusing on security and performance optimization.

**PR Coordinator**, IEEE Eskişehir Teknik Üniversitesi *May 2024 – Present*

- Organized and promoted university events, including webinars and technical sessions, with prominent companies such as Turkish Airlines.
- Developed social media strategies to increase engagement, particularly on Instagram and LinkedIn, significantly boosting the student branch's visibility.
- Led collaborative projects between student committees to promote various IEEE societies, driving higher student membership.

**Member**, IEEE Computer Society (CS) *Sept 2022 – Present*

- Participated in events and discussions related to advancements in computer science and software engineering.
- Collaborated with other members to share knowledge on the latest technologies and trends in computing.

## Athletic Experience

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**Professional Basketball Player**, National Team, Turkey *2016 – 2018*

- Represented Turkey in national and international basketball tournaments, showcasing exceptional teamwork and leadership skills.
- Demonstrated strong discipline, time management, and the ability to perform under pressure, which transferred into professional and academic achievements.

**Professional Basketball Player**, İnanc Spor Kulübü, Turkey *2015 – 2020*

- Played as power forward, contributing significantly to the team's success through scoring, defense, and leadership on the court.
- Awarded **Regional 1st Place** and **National Ranking in Turkey**, strengthening professional sports career.

## Projects

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### 2D Space Shooter Game

- Designed and developed a 2D space shooter game with engaging custom mechanics, interactive levels, and polished visuals
- Implemented responsive controls, dynamic enemy AI, and a scoring system to enhance gameplay
- Tools Used: Unity, C#

### 3D Top-Down Survival Game

- Developed a 3D survival game with a top-down perspective, featuring resource management, enemy waves, and procedural challenges
- Designed and created custom 3D assets in Blender and implemented immersive gameplay mechanics
- Tools Used: Blender, Unity, C#

### Article Submission Website

- Built a full-stack web platform for users to submit, review, and manage articles, complete with authentication and admin features
- Designed a user-friendly interface and implemented dynamic functionalities using JavaScript and Python back-end
- Tools Used: HTML, CSS, JavaScript, Python, MySQL

### Luxury Car Rental Application

- Developed a mobile application to browse, book, and manage luxury car rentals with integrated payment functionality
- Implemented user authentication, vehicle availability tracking, and a seamless user interface
- Tools Used: Android Studio, Java, SQLite

### Machine Learning-Based Fake News Detection

- Designed and implemented a fake news detection system using advanced natural language processing techniques
- Leveraged pre-trained Transformer models to analyze and classify news articles with high accuracy
- Tools Used: Python, Transformers

## Technologies

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**Languages:** Java, C#, SQL, Python, HTML, CSS, JavaScript, Assembly

**Technologies:** Git, Microsoft Office, Canva, Notion, Adobe Photoshop, Adobe Illustrator