

# MERİÇ BAĞLAYAN

Computer Engineering Student

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## EDUCATION

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ISTANBUL TECHNICAL UNIVERSITY ISTANBUL, TURKEY  
*Computer Engineering* 2025 (expected)

- Related Coursework: secure programming, operating systems, multimedia computing, computer networks, analysis of algorithms
- Participated several concerts and recitals as a member of İTÜ BMK (Western Music Club), oversaw the organization of Classical Music Concert in 2022

## WORK EXPERIENCE

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MAESTRA.AI REMOTE  
*Software Developer (Full-Time Contractor)* August 2024 - Present

- Helping design and develop the public-facing website of Maestra's flagship product

BOSCH MANUFACTURING SOLUTIONS BURSA, TURKEY  
*Software Development Engineer (Part-Time)* July 2022 - July 2024

- Developed internally used web applications using Angular and .NET, with a focus on performance, user experience and security; abiding with global corporate design standards
- Added and improved features to existing apps within a feedback loop with the users and management
- Led the rewrite effort of a complex project management software, solidified requirements and technical details
- Investigated client-side and server-side solutions for concurrency problems in said project management application and presented possible answers to my team
- Tested the workings of a GitHub Enterprise Server Actions runner behind the corporate Internet proxy for the goal of building a CI/CD pipeline for our developed applications
- Created an Nx local plugin that greatly reduced the need for repeated copy pasting of boilerplate code

## RELATED ACTIVITIES

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2016–  
present Took part in the production of small-scale games, some of which were developed for "game jam" events

2020–  
2022 Worked with an international team of 10+ people for a big hobby project made in Unreal Engine 5, took part in art and community management

## SKILLS & INTERESTS

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**Technical** Web development (Angular, HTML, CSS, TypeScript, JavaScript), C#, .NET, Entity Framework Core, React Native, C, C++, Python, L<sup>A</sup>T<sub>E</sub>X

**Tools and Platforms** Git, Docker, Azure, Nrwl Nx, Figma, Adobe suite

**Language** English (fluent), Turkish (native)

**Interests** Playing the piano, 3D modeling, game development, music production