

## PROFILE

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## EDUCATION

Bilkent University - Faculty of Engineering / Computer Science, Comprehensive Scholarship (2016-...) - Ankara/Turkey

CGPA: 3.25

## ACCOMPLISHMENTS

- 25<sup>th</sup> in ICPC Turkish Programming Competition 2019
- 294<sup>th</sup> in the 2016 University Placement Exam (LYS)
- Participation in TUBİTAK Project Competition 2015
- Participation in TUBİTAK Mathematics Olympics 2013
- Silver Medal in 2011 American Mathematics Competition (AMC)

## LANGUAGES

- Turkish - Native
- English - B2
- French - A1

## COMPUTER SKILLS

- Java
- C++
- Python
- Android Studio
- Selenium
- MySQL
- PHP

## PROJECTS

- Music Genre Classification: In this Project, different classification models are trained on GTZAN Genre collection dataset.  
<https://github.com/meryemefe/Music-Genre-Classification>

- CSCareer: CSCareer is a quiz-based hiring system for computer-science related departments. This project is implemented by using PHP and MySQL.  
<https://github.com/meryemefe/Database-Project>
- Puzzle Word++ (AI Project): In this project, the crossword puzzle in The New York Times website is scraped by using Selenium. Then, by using Stanford CoreNLP and WordNet library, new clues are found without changing the original solution of the puzzle.  
[https://github.com/meryemefe/CS461\\_Term\\_Project](https://github.com/meryemefe/CS461_Term_Project)
- Defender Game / Fiyuv++: This is a new version of Defender game which is programmed by using Java / JavaFX.  
<https://github.com/meryemefe/CS319-2B-DE>
- Souffle Language for IoT Devices: In this project, a special purpose Programming Language to program the IoT nodes produced by the hardware department is designed by using lex and yacc tools.  
<https://github.com/meryemefe/A-Programming-Language-for-IoT-Devices>
- Simulation of Elevator: This is a project which is programmed in System Verilog by using Basys3 and Beti Board. In this project, an algorithm is developed to find shortest time to carry all the passengers. It shows the situation of passengers in the floors and the motion of the elevator.
- BilkenTaxi: This is a hitchhiking application programmed in Android Studio. It provides easier transportation opportunity for the drivers and the passengers in Bilkent.

## **EXTRACURRICULAR ACTIVITIES**

- Participation in IDEathon organized by The Institute for Future Research (2020)
- Student Member of ACM (Association for Computing Machinery)
- Participation in *Sen Mühendislik Bizimle 2019* organized by Arcelik
- Coordinator of ACM Bilkent - Hour of Code (2018)
- Co-coordinator of ACM Ankara Celebration of Women in Computing (ACWiC 2018)
- Vice Chair of ACM Bilkent Student Chapter (2018)
- Organization Coordinator of ACM Bilkent Student Chapter (2017)
- Active Member of ACM Bilkent Student Chapter (2016)