MERYEM EFE

SENIOR CS STUDENT
CGPA: 3.28

PERSONAL INFORMATION

Name
Meryem Efe
Birth
1997 - Kayseri / Turkey
Gender
Female

LANGUAGES

✔ **Turkish - Native**

✔ **English - B2**

✔ **French - A1**

INTERESTS

✔ **Playing guitar**

✔ **Archery**

✔ **Table tennis**

CONTACT

⌂ Ankara / Turkey

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✉ meryemefe1997@gmail.com

in linkedin.com/in/meryem-efe/

○ github.com/meryemefe

PROFILE

Senior CS Student at Bilkent University
Quick and self learner
Good at time / crisis management
Interested in machine / deep learning, algorithms, database management

EDUCATION

● **2017 - Present** **Bachelor of Computer Science**
Bilkent University, Ankara / Turkey
Taken courses are available in my transcript.
Link: www.github.com/meryemefe/My-Resume/blob/master/Meryem_Efe_Transcript.pdf

● **2016 - 2017** **English Language Preparatory Program**
Bilkent University, Ankara / Turkey

ACCOMPLISHMENTS

● **Ranked 2. in IDEAthon organized by The Institute for Future Research and Microsoft**
● **Ranked 25. in ICPC Turkish Programming Competition 2019**
● **Ranked 294. in the 2016 University Placement Exam (LYS)**
● **Participation in TUBİTAK National Project Competition 2015**
● **Participation in TUBİTAK National Mathematics Olympics 2013**
● **Silver Medal in 2011 American Mathematics Competition (AMC)**

COMPUTER SKILLS

✔ **Java**

✔ **C++**

✔ **Python**

✔ **Android Studio**

✔ **MySQL**

✔ **PHP**

✔ **Selenium**

PROJECTS

Music Genre Classification
This is a Machine/Deep Learning project. Different classification models are trained on GTZAN Genre collection dataset. For the purpose of classification, the following methods are used: 1D Convolutional Neural Network (1D CNN), 2D Convolutional Neural Network (2D CNN), Long Short-Term Memory (LSTM) and SVM.
🔗 *https://github.com/meryemefe/Music-Genre-Classification*

CSCareer
CSCareer is a quiz-based hiring system for computer-science related departments. CSCareer system provides a web-based interface for developers, companies, and admins. This project is implemented by using PHP and MySQL.
🔗 *https://github.com/meryemefe/Database-Project*

Puzzle Word++
Puzzle Word++ is an artifical intelligence course 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*

Defender Game / Fiyuv++
This is a new version of Defender game which is programmed by using Java / JavaFX. This game is implemented by considering Object Oriented Programming strategies and design patterns
🔗 *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 Smart 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 Introduction to the Game Industry Program organized by Game Factory (2020)**

✔ **Participation in IDEAthon organized by The Institute for Future Research and Microsoft (2020)**

✔ **Student Member of ACM (Association for Computing Machinery)**

✔ **Participation in Sen Mühendissin Bizimlesin 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)**