



Umut Zeren

umut.zeren@tedu.edu.tr

EDUCATION

TEDU UNIVERSITY

(100% English)

Secondary Field: Management

Ankara Turkey

Cum. GPA: 2.79

BS IN COMPUTER SCIENCE

LINKS

Github:// [umutZeren](#)

LinkedIn:// [UmutZeren](#)

Hackerrank:// [UmutZerencs](#)

CONTACTS

E-mail: umut.zeren@tedu.edu.tr

umutzerencs@gmail.com

umutzerencs@gmail.com

Mobile: +90 507 210 77 39

+90 501 222 34 55

COURSEWORK

UNDERGRADUATE

Machine Learning

Data Structures and Algorithms

Neural Networks

Game Development

Relational Databases

Marketing

Information Retrieval

SKILLS

PROGRAMMING

(Over 3000 lines)

• Java • C • Python

Familiar:

• html • CSS • Javascript LaTeX • C# • C++ • PostgreSQL
• shell scripting • Arduino

WORKING EXPERIENCE AND SMALL PROJECTS

- Turk Telekom Software Internship
During internship: Created a test automation project and documentation for payment/debt tracking system with (+40 million users) written by me in Python/Selenium. (+1000 lines)
- Note taking desktop app. Can search notes by tags in a sense like sql compiler queries. written in C, +500 lines
- 2D Game written in Java +1000 lines
- Quadtree data structure in order to process greyscale images in Python.
- A script for extracting text from images in pdfs using Python/pytesseract.
- All projects can be found in <https://github.com/umutZeren>
- Elias gamma compression algorithm written in C++
- MIPS architecture in system verilog
- Structuring Machine Learning Projects (certificate) from: Coursera, instructor Andrew Ng
- Neural Networks and Deep Learning (certificate) from: Coursera instructor Andrew Ng
- In progress senior Project: AI Based Autonomous Flight and Control System for UAV.
- To-Do Entrepreneurship (certificate) from: ODTÜ

FURTHER SKILLS HAVE EXPERIENCE IN USING :

- Git and Github
- Linux (Fedora and Ubuntu distributions)
- Xilinx ISE (using VHDL programming language), Digilent Adept
- Vi and vim, Eclipse, TeXstudio (LaTeX IDE)
- Oracle Virtual box, Android Studio, Unity

REFERENCES

TANSEL DÖKEROĞLU

Doç dr. at TEDU Computer Science Department

email: tansel.dokeroglu@tedu.edu.tr

TAYFUN KÜÇÜKYILMAZ

Dr. Öğr Üyesi at TEDU Computer Science Department

email: tayfun.kucukyilmaz@tedu.edu.tr