

EDUCATION

Technische Universiteit Delft Bachelor of Science Computer Science and Engineering BSc Programme	Delft, NL 2021–present
TED Ankara College Foundation High School Dual Diploma Programme	Ankara, TR 2017–2021
<ul style="list-style-type: none">– Oxford AQA International A-Levels Diploma Programme<ul style="list-style-type: none">* Mathematics - A** Physics - A** Chemistry - A*– Turkish National High School Diploma– Academic Science Programme (BIY)	
Yasemin Karakaya BILSEM Special education and project development center for gifted children.	Ankara, TR 2014–2021

EXPERIENCE

Internship at ASELSAN Intern at Software and Hardware Design	Ankara, TR February 2020
<ul style="list-style-type: none">– Designed and produced a simple timing circuit Learned the basics of FPGA design and developed a simple FPGA project using VHDL.	
Internship at Divasoft Software Engineering and Mobile Development Intern	Ankara, TR June 2018
<ul style="list-style-type: none">– Created an android application that interfaces with an existing CRM software through its API which allows for easy access to the CRM interface.	

PROJECTS

Access project links on my website theFr1nge.com

- **FoodCloud** (Python/Computer Vision, 2017)
A project that aims to ensure food safety.
- **femtoshare** (Python/Flask, 2018)
A minimal self-hosted file sharing web-application.
- **MetisHealth** (SpringBoot/VueJS, 2021)
A patient and appointment management program
- **CitizenView** (Python/Java/ML, 2018)
A smart city management concept project.
- **YeetClock** (Hardware/IoT, 2019)
An open source smart alarm clock solution.
- **massurl** (Algorithms/C, 2021)
A web application reconnaissance tool.

HONORS & AWARDS

- Cum Laude and Summa Cum Laude Laboratoire in CSE1400
Got rewarded for passing 11000 points and getting all 3550 extra lab points in CSE1400 Winter 2021
- TUBITAK Research Project Competition
2nd place at TUBITAK research projects competition in the field of programming. Winter 2020
- FLL Best Programmer Award
2 times best programmer award in the nation-wide FLL 2017-2020
- Bilkent University MUN
Honorable mention at Bilkent University MUN in the GA1 Conference Winter 2017
- International WRO Friendship Tournament
1st place in the Open Category of international WRO Friendship Tournament, WARC Summer 2018

ACTIVITIES & CERTIFICATES

- HackIstanbul 2021 Finalist
Participated in the finals of HackIstanbul, an international CaptureTheFlag competition and got 4th place. Fall 2021
- NAND2Tetris Course
Completed the first part of Hebrew University of Jerusalem's course NAND2Tetris Summer 2021
- Vice-President of TEDNOKENT
Organised the school club which participates in both national and international robotics & innovation competitions and teach other students about engineering. 2017-2021
- ColumbiaX DS101X Certificate
Completed ColumbiaX's course, Statistical Thinking for Data Science and Analytics Winter 2021
- HarvardX CS50 Certificate
Completed HarvardX's course, Introduction to Artificial Intelligence with Python Summer 2020
- MITx CS with Python Certificate
Completed MITx's course, Introduction to Computer Science and Programming Using Python Summer 2020
- Oxford AQA International GCSE Examination
Mathematics: 9/9, English Language: 5/9 Spring 2019
- Head of IT at InnovaTED Convention
Setup the IT infrastructure and provided tech support during the convention held between High Schools that endorses innovation and engineering. 2017-2019
- IT Manager at TEDMUN
Designed and managed the organisation website, in addition to providing IT support during the event Spring 2018
- Bayer National Science Fair
Participated at the national science fair organized by BAYER Fall 2018
- Volunteering Coding Tutor
Voluntarily provided coding classes in python to a village school. Winter 2019

SKILLS

- **Programming:** Python, C, C++, NodeJS, Java, PHP, Go, Bash, x86 Assembly
- **M. Learning:** OpenCV
- **Tools/Techs:** LaTeX, Git, SQL, NoSQL, Linux/Unix, IDA, Ghidra, BurpSuite
- **Web:** Flask, VueJS, JavaScript, SpringBoot, HTML, CSS
- **Language:** Turkish(Native), English(IELTS: 8.0), French(B1)