

## EDUCATION

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

## EXPERIENCE

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

## PROJECTS

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Access project links on my website [theFr1nge.com](http://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

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- Blue and Yellow Belt in pwn.college  
*Completed the pwn.college course teaching binary exploitation and reverse engineering* Spring 2022
- 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  
*2<sup>nd</sup> 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  
*1<sup>st</sup> place in the Open Category of international WRO Friendship Tournament, WARC* Summer 2018

## ACTIVITIES & CERTIFICATES

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- 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
- IT Manager at TEDMUN  
*Designed and managed the organisation website, in addition to providing IT support during the event* Spring 2018
- Volunteering Coding Tutor  
*Voluntarily provided coding classes in python to a village school.* Winter 2019

## SKILLS

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- **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)