

EDUCATION

TU Delft Faculty of Electrical Eng., Mathematics & Computer Science Computer Science and Engineering BSc Programme	Delft, NL 2021–current
TED Ankara College Foundation High School Dual Diploma Programme <ul style="list-style-type: none">– Oxford AQA International A-Levels Diploma Programme (Mathematics, Physics & Chemistry)– Turkish National High School Diploma	Ankara, TR 2017–2021
Yasemin Karakaya BILSEM Special education and project development center for gifted children.	Ankara, TR 2014–present
TED Ankara College Foundation Middle School 8 th place out of 480 students.	Ankara, TR 2014–2017
Tevfik Fikret College Primary School	Ankara, TR 2010–2014

EXPERIENCE

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

HONORS & AWARDS

- 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
- National WRO Open Category
2nd place in the national WRO Open Category Spring 2018
- Middle School Graduation
8th place in TED Ankara College Middle School Graduation Summer 2017
- Merit Scholarship
TED Ankara College High School Full Scholarship 2016-2021

ACTIVITIES & CERTIFICATES

- HackIstanbul 2021 Finalist
Participated in the finals of HackIstanbul, an international CaptureTheFlag competition and got 4th place. Fall 2021
- NAND2Tetris
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 & inovation competitions and teach other students about engineering. 2017-2021
- ColumbiaX DS101X Certifiante
Completed ColumbiaX's course, Statistical Thinking for Data Science and Analytics Winter 2021
- HarvardX CS50 Certifiante
Completed Harvardx's course, Introduction to Artificial Intelligence with Python Summer 2020
- MITx CS with Python Certifiante
Completed MITx's course, Introduction to Computer Science and Programming Using Python Summer 2020
- Go Further Debating Skills
Attended the go further debating skills workshop with the Oxford Union Fall 2019
- Nova Scotia International Student Programme
Participated to the Nova Scotia international student program for a month Summer 2019
- 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 enginnering. 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
- MCMUN Conference
Participated to the METU College MUN as a delegate in GA3 Winter 2018

- Volunteering Coding Tutor Winter 2019
Voluntarily provided coding classes in python to a village school.
- Student Teaching Assistant Spring 2018
Coding fundamentals education program at TED Ankara College High School.

PROJECTS

Access project links on my website yigitcolakoglu.com

- **FoodCloud** (Python/Computer Vision, 2017)
A project that aims to ensure food safety.
- **CitizenView** (Python/Java/ML, 2018)
A smart city management concept project.
- **femtoShare** (Python/Flask, 2018)
A minimal self-hosted file sharing web-application.
- **YeetClock** (Hardware/IoT, 2019)
An open source smart alarm clock solution.

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)