Yiğit Çolakoğlu

Website: yigitcolakoglu.com
Email: yigitcolakoglu@hotmail.com
LinkedIn: yigitcolakoglu
GitHub: github.com/theFr1nge

EDUCATION

Technische Universiteit Delft Bachelor of Science — Delft, NL
Computer Science and Enginnering BSc Programme — 2021–present

TED Ankara College Foundation High School — Ankara, TR
Dual Diploma Programme — 2017–2021

- Oxford AQA International A-Levels Diploma Programme
  * Mathematics - A*
  * Physics - A*
  * Chemistry - A*
- Turkish National High School Diploma
- Academic Science Programme (BIY)

Yasemin Karakaya BILSEM — Ankara, TR
Special education and project development center for gifted children. — 2014–2021

EXPERIENCE

Internship at ASELSAN — Ankara, TR
Intern at Software and Hardware Design — February 2020

- Designed and produced a simple timing circuit
  Learned the basics of FPGA design and developed a simple FPGA project using VHDL.

Internship at Divasoft — Ankara, TR
Software Engineering and Mobile Development Intern — June 2018

- 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.

- **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.

- **MetisHealth** (SpringBoot/VueJS, 2021)
  A patient and appointment management program

- **massurl** (Algorithms/C, 2021)
  A web application reconnaissance tool.

Honors & Awards

- Blue and Yellow Belt in pwn.college   Spring 2022
  Completed the pwn.college course teaching binary exploitation and reverse engineering
- Cum Laude and Summa Cum Laude Laboratoire in CSE1400   Winter 2021
  Got rewarded for passing 11000 points and getting all 3550 extra lab points in CSE1400
- TUBITAK Research Project Competition   Winter 2020
  2nd place at TUBITAK research projects competition in the field of programming.
- FLL Best Programmer Award   2017-2020
  2 times best programmer award in the nation-wide FLL
- Bilkent University MUN   Winter 2017
  Honorable mention at Bilkent University MUN in the GA1 Conference
- International WRO Friendship Tournament   Summer 2018
  1st place in the Open Category of international WRO Friendship Tournament, WARC

Activities & Certificates

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

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)