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

EXPERIENCE

Analyst at PRODAFT   Den Haag, NL
Cyber Threat Intelligence Analyst   September 2022 - Present

- Analyzing threat actors, extracting TTPs and IOCs. Attributing cyber events to groups.

Teaching Assistant at TU Delft   Delft, NL
Teaching Assistant   September 2022 - February 2023

- Assisted in the teaching of the courses Object Oriented Programming, Computer Organization and Web & Database Technologies.

Internship at ASELSAN   Ankara, TR
Intern at Software and Hardware Design   January 2020 - 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 - August 2018

- Created an android application that interfaces with an existing CRM software through its API which allows for easy access to the CRM interface.

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.

- 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
- 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

Languages

- **English:** Proficient, IELTS Score: C2
- **Turkish:** Mother tongue, Native Speaker
- **French:** Conversational, DELF level: B1

Skills

- **Programming Languages:** Python, C, C++, JavaScript, Java, PHP, Bash, x86 Assembly, SQL
- **Frameworks:** Flask, VueJS, Spring Boot, JavaFX
- **Tools:** LaTeX, Git, Linux/Unix, IDA, Ghidra, BurpSuite, Wireshark
- **Skills:** Agile Methodologies, Security Research, Reverse Engineering, Binary Exploitation

Projects

- **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

- **Brainfuck Interpreter** (x86 Assembly, 2021)
  A JIT Brainfuck compiler with optimizations.

- **Quizz!** (Spring Boot/JavaFX, 2022)
  A multiplayer trivia game using HTTP polling.

- **CitizenView** (Python/Java/ML, 2018)
  A smart city management concept project.

- **YeetClock** (Hardware/IoT, 2019)
  An open source smart alarm clock solution.

- **massurl** (C, 2021)
  A tool for sorting and analyzing a large number of URLs.

- **Froggie** (x86 Assembly, 2021)
  A clone of the retro game frogger made with assembly.

- **DelftBlue API** (Spring Boot, 2023)
  An API for managing the Delft Blue Supercomputer.