İbrahim Yuşa Çetin

Email: yusha493@gmail.com

Website: yusacetin.org
GitHub: yusacetin

EDUCATION

Master of Electrical and Electronics Engineering   **2023 - Present**
Boğaziçi University   İstanbul

Bachelor of Computer Engineering   **2019 - 2023**
Istanbul Medipol University   İstanbul
Graduation GPA: 3.51/4

EXPERIENCE

Digital Hardware Designer and Embedded Systems Engineer   **August 2023 - Present**
Tübitak Bilgem   Gebze

Part Time Digital Hardware Designer   **December 2021 - June 2023**
Tübitak Bilgem   Gebze

Teknofest Chip Design Competition   **October 2022 - April 2023**
Finalist, 6th Place   İstanbul

Internship on Flight Simulation Integration   **March 2022 - September 2022**
Quantum3D   Remote

Teknofest International UAV Competition   **January 2021 - September 2021**
Finalist   Bursa & İstanbul

Internship on Web Development   **August 2021**
State Meteorological Institute of Türkiye   Ankara

BROCUP Competition   **May 2021**
Drone Category, 1st Place   Remote (due to COVID-19)

CanSat Competition   **November 2019 - May 2020**
Finalist, 8th Place   Remote (due to COVID-19)

GRADUATION PROJECT

Custom 32-bit RISC-V SoC Design   **October 2022 - June 2023**
With 11 custom instructions, L1 cache, VGA connectivity

LANGUAGES

Turkish - Native

English - C2
TOEFL iBT Score: 114/120
YÖKDİL Score: 98.75/100

Japanese - B2/C1
JLPT N1 Score: 121/180
JLPT N2 Score: 170/180

SKILLS

Hardware Design   Verilog, VHDL, Xilinx Vivado, Intel Quartus Prime Lite

Programming   C, C++, Python, Bash, Java, JavaScript, C#, Go

Other   I am comfortable with and prefer working in a *nix environment and I typically use Arch Linux or Debian on my personal computer as a daily driver.