Eren Tarimci

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github.com/erentar

education

High school

2016 – 2018	Liceo Italiano IMI Istanbul
2018	Exchange program to Sweden
2019 – 2020	Sint-Martinuscollege Overijse 3e graad ASO WW
2020 – 2022	**High school diploma**, *from Turkish open education high school (Açık Öğretim Lisesi BAP)*, Ankara, *Lise Diploması*

University

2022 –	Studying BSc Engineering Technology, KU Leuven

experience

2014	First long-term server set up
2016 – 2018	Ran a file server to aid with high school, distributed notes and relevant material
2020	Built my homelab consisting of two rack-mount servers, and associated networks
2022	Participated in Google's Hash Code competition, which required solving a difficult combinatorics problem, and required thorough optimisation and parallelisation of computations
2022	Contributed to an open source Quake fork, streamlined their build pipeline and containerised it allowing for reproducible builds
2023	Large upgrade to network stack, a much wider network with a site-to-site vpn including 3 sites, associated networking and services to support, monitor, and alerting of status and health
2023	Published the analysis of the survey I conducted over the selection procedure for BSc Aerospace Engineering at TU Delft

skills

systems administration

Deployment	Ansible
Monitoring	InfluxDB, Prometheus, Grafana
Containerisation	LXD, Docker, Kubernetes
Virtualisation	Libvirt-KVM, VMware ESXi, Proxmox PVE, Xen, Vagrant
Collaboration	Nextcloud, Atlassian Jira and Confluence, MediaWiki
Source management	Gitlab, gitea, gogs, and associated CI/CD pipelines
Networking	firewalld, netfilter, MikroTik RouterOS, Traefik, wireguard
Security	Snort, SElinux

project management

Familiar with Atlassian Jira, and Scrum paradigms

programming

Proficient	Python, C, Lua, Julia
Intermediate	Matlab, R, Go
Beginner	Haskell, Rust, CERN ROOT

scientific computing

- HPC via MPI, Slurm
- ML via Torch and TensorFlow
- Mathematics packages SageMath and Mathematica

making

3D printing, CNC machining and routing, microcontrollers, radio communications via LoRa and Zigbee, messaging and aggregation via Apache Kafka, MQTT

creative production

kit	Photo: Canon 80D w/18-135 f3.5-5.6
	Video: Panasonic GH5M2 w/12-60 f3.5-5.6
Video	Premiere Pro, DaVinci Resolve, OBS; good experience in editing and coloring, associated formats and algorithms
Photo	Photoshop, Lightroom, GIMP
Audio	Audition, Audacity
Graphic Design	Illustrator, Inkscape, InDesign

extracurricular activities

2017 – 2018	Liceo Italiano Robotics Society
2016 – 2018	Double bass at Istanbul University Music School
2019 – 2022	Double bass at APK Overijse

languages

- English C1
- Spanish A1
- Italian B1
- Swedish (no certification)
- Dutch B1
- French (no certification)