

# Eren Tarimci

☎ +32 471 74 5121

✉ [eren.tarimci@student.kuleuven.be](mailto:eren.tarimci@student.kuleuven.be)

[github.com/erentar](https://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)