

EDUCATION

Eidgenössische Technische Hochschule Zürich

Zurich (Switzerland)

Master of Science in Computer Science

Sept. 2022 – July 2024

- Major in **Secure and Reliable Systems** - Minor in **Networking**
- Developed a tiny **ACME client** to easily manage TLS certificates, implementing JOSE cryptography from scratch – educational purposes only, not production ready

Università degli Studi Roma TRE

Rome (Italy)

Bachelor of Science in Computer Engineering

Sept. 2019 – July 2022

- Graduated with **110/110 cum Laude**
- Final *GPA*: 28.9/30.0.
- Final thesis: "Realization of a cyber defense system: analysis of VPN solutions." under the supervision of Prof. Maurizio Patrignani

Pugwash District High School

Pugwash (Canada)

Canadian High School Diploma

Sept. 2017 – Jun. 2018

- Graduated with Honors.

Programming Languages

Details

- C: POSIX syscalls, threads and processes management, affinity sets, concurrent and parallel programming
- Java, C#, Python: polymorphism, inheritance, overloading
- Others: OCaml, Go, HTML, CSS, PostgreSQL

PERSONAL PROJECTS

FillYourTeam!

Rome (Italy)

Public repository available [here](#)

Oct. 2021 - June 2022

- Developed a multi-platform app using Xamarin framework and MVVM architecture.
- Mentored and collaborated with 2 team members.

EXPERIENCE

Bytewise

Rome (Italy)

System Engineer Intern

Mar 2022 – June 2022

- Designed a **cyber defense system** for a small business
- Installed and configured of **network services and servers**: firewall, proxy, reverse proxy, DNS, DHCP, VPN, IDS, IPS.
- Managed hypervisors like **Proxmox VE** and ESXi, with virtual machines and **LXC** and **Docker containers**
- Worked on RHEL and Debian-based distributions.
- Performed **basic penetration testing** using nmap, Metasploit, OpenVAS, dirbuster, and others.

OTHER EXPERIENCES

ConfNow!

Rome (Italy)

ICT Staff

Sept. 2021 – Present

- Created and edited Wordpress sites.

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Rome (Italy)

ICT Support and Management

Mar 2021 – June 2022

- Managed accounts and software licenses.
- Provided support through a technical helpdesk.

LANGUAGES, SKILLS AND INTERESTS

Languages: Italian: mother tongue. English: excellent (C2). Spanish: fair.

Other IT Skills: Microsoft Office Package: advanced user. L^AT_EX: advanced user.

Hobbies: music production, sailing.