

## EDUCATION

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### 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 as of right now

### 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.
- GPA: 98/100.

### Liceo Scientifico Statale Farnesina

Rome (Italy)

*Italian High-School Diploma in Scientific Studies*

*Sept. 2014 – July 2019*

- Final Mark: 92/100.

### FillYourTeam!

Rome (Italy)

*Team project. Public repository available [here](#)*

*Oct. 2021 - June 2022*

- Multi-platform app developed using Xamarin framework and MVVM architecture.
- Collaborated with 2 team members using GitHub

### 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

## EXPERIENCE

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### Bytewise

Rome (Italy)

*System Engineer Intern*

*Mar 2022 – June 2022*

- Set up a **cyber defense system** for a small business
- Installation and configuration 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

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### ConfNow!

Rome (Italy)

*ICT Staff*

*Sept. 2021 – Present*

- Created and edited Wordpress sites.

### Università degli Studi Roma TRE

Rome (Italy)

*ICT Support and Management*

*Mar 2021 – June 2022*

- Account and Software license management. Helpdesk support.

## LANGUAGES, SKILLS AND INTERESTS

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

**General IT Skills:** Microsoft Office Package: advanced user.  $\text{\LaTeX}$ : advanced user.

**Hobbies:** music production, sailing.