

Enrico Bassetti

Curriculum Vitae

✉ enrico204-cv@netsplit.it
🌐 <https://www.enricobassetti.it/>
gitlab.com/enrico204
github.com/enrico204

Work experience

- Sep 2018 – **IT Consultant**, *Freelance*
Jan 2024
- Sep 2018 – **System architect**, *Sapienza University of Rome*
May 2023
- Mar 2018 – **DevOps/System administrator**, *Gamification Lab, Sapienza University of Rome*
May 2023
- Nov 2017 – **System architect**, *Sapienza University of Rome*
Feb 2018
- Mar 2016 – **System integrator**, *PMS Srl (Latina, Italy)*
Aug 2016
- Jun 2005 – **System/Network Administrator**, *Teknè consulting / Webrand Srl (Latina, Italy)*
Nov 2015
- 2010 – 2015 **Sound engineer**, *Freelance*

Education

- 2023 **Ph.D. in Computer Science**, *Sapienza University of Rome*
Classification: Excellent
- 2019 **Master's degree in Cybersecurity**, *Sapienza University of Rome*
110 / 110 cum Laude
- 2017 **Bachelor's degree in Computer Science**, *Sapienza University of Rome*
95 / 110

Technical Skills

- Development Currently I'm fluent in **Go, SQL, Bash, Python** and others. I have experience with web development using HTML, JavaScript, Vue.js. I've also used Dart/Flutter/Java for mobile apps. In the past, TypeScript, C#.NET 3.5, Java 6, PHP 5, C.
- Infrastructure I manage my systems using **Ansible**. I use **Docker** and **Kubernetes** for deployments. I'm experienced in **vSphere/ESXi** and **Proxmox** administration.
- O.S. I'm using **Debian GNU/Linux** on daily basis. I am experienced in Linux administration. Also, I have experience in managing Microsoft servers (**Active Directory**, Group Policies, IIS, etc) and clients. I have some skills on managing macOS clients.

- Networking I have experience on managing and configuring **routers, firewall and switches** from Cisco, MikroTik, Juniper (NetScreen), Linux and FreeBSD-based. I have experience with many network technologies (e.g, VXLAN, STP, OpenVPN, Wireguard, IPSec, OSPF, ISDN devices, GRE, Wireshark, etc.).
- Voice I have managed Cisco Unified Call-Manager (including Cisco IOS voice routers), Voxtron CC and Asterisk PaBX servers.
- Other I'm experienced in version control systems (Git, SVN) and regular expressions. From time to time I manage small instances of Apache HTTPd, IIS, Postfix, Dovecot, HAProxy, Traefik, Caddy, MariaDB, PostgreSQL, Redis and others.

Communication and organisational skills

- In Gamification Lab (Digilab, Sapienza), I coached undergraduate and graduate students on technical skills for development and team collaboration.
- I tutored a group of undergraduate students.
- I delivered lectures, exams and assignments in graduate and undergraduate courses.
- During my Ph.D. I leaded groups of students for Infostud and SeismoCloud research projects.
- In the Latina Linux User Group, I co-organize the local chapter of "Linux Days", an annual event on GNU/Linux and Free Software.

Languages

- Italian first language
English B2 (IELTS score 6.5)

Projects

- 2014 – 2023 **SeismoCloud**, *Sapienza University of Rome*
2018 – 2022 **Infostud Lab**, *Sapienza University of Rome*

Awards - Certifications - Licenses

- 2019 **Neural network and Deep learning**, *Coursera*
Certificate available at <https://coursera.org/verify/X93GWPX4JY5R>
- 2017 **IELTS English Assessment: 6.5 - B2**, *British Council - University of Cambridge*
- 2016 **Amateur radio licence**, *Ministry of Economic Development (Italy)*
Callsign IU0HRU
- 2014 **Cisco CCNA 1-4**, *IIS G. Marconi Latina (acting as local Cisco Academy)*

Academic experience

Research

- 2024 – now **Postdoc researcher**, *Delft University of Technology*
- 2023 – 2024 **Postdoc researcher**, *Department of Computer Science, Sapienza University of Rome*
- 2019 – 2023 **Ph.D. student**, *Department of Computer Science, Sapienza University of Rome*
- 2019 – 2021 **Graduate student researcher**, *Department of Computer Science, Sapienza University of Rome*
- 2018 – 2019 **Graduate student researcher**, *Digilab Research center, Sapienza University of Rome*
- 2017 – 2018 **Undergraduate student researcher**, *Department of Information Engineering, Electronics and Telecommunications, Sapienza University of Rome*

Teaching

- 2024 – now **Teaching Assistant**, *Delft University of Technology*
Course: Network Security (CS4430)
- 2022 – 2023 **Teaching Assistant**, *Sapienza University of Rome*
Course: Web and Software Architectures (undergraduate)
- 2021 **Guest lecturer**, *Sapienza University of Rome*
Course: Practical Network Defense (graduate)
- 2020 – 2021 **Tutor**, *Sapienza University of Rome*
Course: Programming fundamentals (undergraduate)
- 2019 – 2020 **Teaching Assistant**, *Sapienza University of Rome*
Course: Practical Network Defense (graduate)
- 2018 – 2019 **Teaching Assistant**, *Sapienza University of Rome*
Course: Practical Network Defense (graduate)

Simplified CV version for publication / transparency purposes.