Enrico Bassetti

Curriculum Vitae

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

Work experience

Sep 2018 – Jan 2024	**IT Consultant, teacher**, *Freelance*
Sep 2018 – May 2023	**System architect**, *Sapienza University of Rome*
Mar 2018 – May 2023	**DevOps/System administrator**, *Gamification Lab, Sapienza University of Rome*
Nov 2017 – Feb 2018	**System architect**, *Sapienza University of Rome*
Mar 2016 – Aug 2016	**System integrator**, *PMS Srl (Latina, Italy)*
Jun 2005 – Nov 2015	**System/Network Administrator**, *Teknè consulting / Webrand Srl (Latina, Italy)*
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	**Research fellow**, *European Space Agency*
2024 – now	**Postdoc researcher**, *Delft University of Technology, The Netherlands*
2023 – 2024	**Postdoc researcher**, *Sapienza University of Rome*
2019 – 2023	**Ph.D. student**, *Sapienza University of Rome*
2019 – 2021	**Graduate student researcher**, *Sapienza University of Rome*
2018 – 2019	**Graduade 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	**Teaching Assistant**, *Delft University of Technology, The Netherlands* Course: Seminar Cyber Security (CS4120)
2024	**Teaching Assistant**, *Delft University of Technology, The Netherlands* Course: Network Security (CS4430)
2022 – 2023	**Lecturer**, *Sapienza University of Rome* Course: Web and Software Architectures (undergraduate)
2020 – 2021	**Tutor**, *Sapienza University of Rome* Course: Programming fundamentals (undergraduate)
2019 – 2024	**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 / trasparency purposes.