

Alberto HUGONIN



04/24/1998 TORINO (TO) ITALY

Nationality: Italian

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EDUCATION

- 09/07/2022 - 03/27/2026 * **Master's Degree in Computer Engineering**
Politecnico di Torino
Thesis: Privacy Dashboard: Integrating the Smartotum Home Automation System, Frontend Architecture, and CI/CD Pipeline
Supervisors L.Ardito
Final grade 102/110
- 09/09/2017 - 06/15/2022 * **Bachelor's Degree in Computer Engineering**
Politecnico di Torino
Final grade 81/110
- 2017 **high school diploma MATURITA' SCIENTIFICA - OPZIONE SCIENZE APPLICATE**

PROFESSIONAL EXPERIENCE

- 09/01/2019 - up to present **Sole Proprietorship**
Hugonin Alberto - Borgaro Torinese - ITALY
Self-employed professional with cross-functional experience in IT, electronics and operations.
I provided IT support, managed equipment and developed/maintained internal management tools for candidate selection in a financial consulting context, also extracting and processing commercial data.
I repaired, diagnosed and refurbished electronic devices, including microsoldering, SMD/BGA rework and PCB diagnostics, with subsequent resale to private customers in Italy and across Europe.
I also configured and maintained local networks, Proxmox-based virtualized environments, firewalls, VPNs, NAS systems and switches.
I occasionally repaired small industrial equipment and designed and built simple motorization systems for exhibition mockups.
Self-employment

LANGUAGE SKILLS

Mother tongue Italian

Other languages

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English B2 B2 B2 B2 B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

[Common European Framework of Reference for Languages](#)

COMPUTER SKILLS

OPERATING SYSTEM	Strong Linux and Windows skills. Experience setting up Linux servers, web servers, VPN, Docker/Portainer, RAID NAS with OpenMediaVault, and Proxmox VMs. advanced level
PROGRAMMING LANGUAGE/CODE	Rust, JavaScript, React, C, Java, HTML, PHP good level
PROGRAMS/SOFTWARE	Office Suite good level
DATABASES	SQL, SQLITE good level
GRAPHICS	Video and photo editing basic level
SPREADSHEET	Excel intermediate level
OTHER	LAN, VPN

OTHER INFORMATION

Driving license, own car

Available to travel on business in Italy, abroad

Available to relocate in Italy, abroad

EXAMS *

Master's Degree in Computer Engineering

conference date	Exam	Credits	Final grade
01/23/2023	Data Science and Database Technology	8	21
02/17/2023	Networks services and technologies	6	21
06/26/2023	Web Applications I	6	30
07/17/2023	Reti Locali e Data Center	6	26
02/01/2024	Cloud Computing Technologies	6	27
02/23/2024	Software Networking	6	28
07/01/2024	Software Engineering	8	25
07/09/2024	Internet video streaming	6	29
01/20/2025	Security verification and testing	6	22
02/13/2025	Computer architectures	10	30 cum laude
06/12/2025	Big data: architectures and data analytics	6	25
06/18/2025	Computer systems security	6	25
01/16/2026	System and device programming	10	27
03/27/2026	Thesis	30	passed

Bachelor's Degree in Computer Engineering

conference date	Exam	Credits	Final grade
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02/02/2018	Computer science	8	18
06/25/2018	Linear Algebra and Geometry	10	18
07/02/2018	Mathematical analysis I	10	21
06/17/2019	Mathematical analysis II	8	20
06/26/2019	Computer systems	8	22
07/03/2019	Object-oriented programming	8	25
09/13/2019	Electrical circuits and Network Analysis	8	18
12/07/2019	English Language 1st level	3	passed
05/02/2020	Database	8	18
05/14/2020	Computer networks	8	25
05/14/2020	Final essay	1	25
06/16/2020	Operating systems	6	23
07/04/2020	Introduction to information and quantum computation	6	24
09/18/2020	Physics II	6	27
02/17/2021	Signal theory and Signal processing	8	28
06/17/2021	Chemistry	8	21
06/24/2021	Mathematical methods for engineers	10	28
06/28/2021	Physics I	10	18
09/01/2021	Algorithms and Programming	12	19
11/02/2021	Automatic control	10	20
02/07/2022	Applied Electronics	8	18
02/23/2022	Optimization for problem solving	6	30 cum laude
05/18/2022	Electronic systems, technologies and measurements	10	18

* Fields marked with an * are certified by Politecnico di Torino, while the potential thesis description is added by the candidate.