

INFORMAZIONI PERSONALI

Simone Bortolin

[✉ info@simonebortolin.it](mailto:info@simonebortolin.it)[🌐 simonebortolin.it](https://simonebortolin.it)[🐙 github.com/simonebortolin](https://github.com/simonebortolin)[in linkedin.com/in/simonebortolin](https://linkedin.com/in/simonebortolin)

Sesso Male | Data di nascita 15 January 1999 | Nazionalità Italian

EDUCATION AND TRAINING

- 2021 – 2024 **Master of Science in Computer Engineering**
Università degli Studi di Padova - Department of Information Engineering
2nd level-cycle degree/Master (2 years)
Final degree 106/110
- 2018 – 2021 **Bachelor of Science in Ingegneria Informatica**
Università degli Studi di Padova - Department of Information Engineering
1st level-cycle degree/Bachelor (3 years)
Final degree 104/110
- 2013 – 2018 **Pre-university studies**
I.T.S.T. J.F. Kennedy - Tecnico in Informatica e Telecomunicazioni
Secondary school diploma
Final degree 87/100

WORK EXPERIENCE

- Nov 2018 – Mar 2024 **Occasional work**
Design tool for classifying potentially explosive atmospheres according to IEC 60079-10-1:2016 and IEC 60079-10-1:2021 with R
Creation of some web-apps based on the Node.js framework with Vue.js, React.js, Next.js, and Express.js
- Dec 2021 **Programmer**
Migration and update of the company's website VuotoTecnica SRL from PHP 5.6 to PHP 8, removed jQuery in favor of Vanilla JS
VuotoTecnica SRL - Lecco (LC) Italy
- Nov 2018 – Jul 2021 **Programmer**
Maintenance and update of some open source libraries for Android
- Nov 2018 – Jul 2019 **Project manager & Programmer**
Realization of the platform APPiancavallo and the related Android APP
I.T.S.T. J.F. Kennedy, Piancavallo 1265 - Pordenone (PN) ITALIA
- Jun 2016 – Jun 2017 **Internship**
Development of a text file parsing application in C#
Gestiware SRL - Pordenone (PN) Italy

PERSONAL SKILLS

Lingua madre Italian

Altre lingue	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
English	B2	B2	B2	B2	B2
Università degli Studi di Padova B2					
Spanish	A1	A1	A1	A1	A1

Livelli: A1 e A2: Utente base – B1 e B2: Utente autonomo – C1 e C2: Utente avanzato
[Quadro Comune Europeo di Riferimento delle Lingue](#)

Linguistic experience

European Union program DECAMP: Applied Web Application Security, Language: English

Competenze digitali

AUTOVALUTAZIONE				
Elaborazione delle informazioni	Comunicazione	Creazione di contenuti	Sicurezza	Risoluzione di problemi
Utente avanzato	Utente avanzato	Utente avanzato	Utente avanzato	Utente avanzato

[Competenze digitali - Scheda per l'autovalutazione](#)

CISCO Certification

- CISCO, 2015 IT Essentials (ITE): PC Hardware and Software
- CISCO, 2016 CCNA R&S: Introduction to Networks (ITN)
- CISCO, 2017 Introduction to the IoT
- CISCO, 2017 Connecting Things
- CISCO, 2018 IoT Fundamentals: Connecting Things
- CISCO, 2018 Cybersecurity Essentials

Programming skills

- Development Models Proficient in version control systems such as SVN and GIT.
- Mobile Application Development Proficient in Android development using Android Studio, Kotlin, Java, Gradle and various libraries.
- Programming Languages Proficient in development in various programming languages including C, C++, Rust, C#, Java, JavaScript, Python, Kotlin, Matlab, R, and PHP.
- Frontend Development Proficient in frontend technologies such as HTML, CSS, JavaScript especially with Bootstrap, Bulma, Vue.js and React.js, along with static site generators such as Hugo and Jekyll.
- Backend Development Proficient in backend technologies such as PHP, Java Servlet, Express.js, Next.js, Kotlin Ktor and backend and frontend integration via Ajax and TanStack Query.
- Decompiler and Reverse Engineering Proficient in using tools such as dotPeek, Ghidra, and Binary Ninja for decompiling and reverse engineering purposes.

Data management

- DBMS MySQL, PostgreSQL, Realm, SQLite
- Communication protocol MQTT, HTTP, ModBus

Computer software

- Operative System Windows, Linux (Fedora, Solus, Ubuntu, Debian, Alpine, OpenWrt)
- Office Microsoft Office, Libre Office and Google Docs
- Graphics and videos Adobe Photoshop, Adobe Illustrator, Adobe InCopy, Autocad, Inkscape, Krita, Adobe Premiere and Davinci Resolve

Other skills Passionate about civil infrastructure, telecommunications, and energy efficiency with a focus on decarbonization, with advanced skills in electrical engineering and \LaTeX .

Driving licence B

PUBLICATIONS

- [1] Simone Bortolin, Carlo Fantozzi e Carlo Janna. «Increasing the Energy Efficiency of a Parallel Sparse Linear System Solver: Experiments with the COUNTDOWN Library.» Master's thesis. Università degli Studi di Padova, 2024.
- [2] Simone Bortolin, Gioele Ceccon, Gil Czaczkes, Alessandra Pastore, Pietro Renna, Giovanni Zerbo e Nicola Ferro. «SEUPD@CLEF: Team NEON. A Memoryless Approach To Longitudinal Evaluation». In: *Notebook for the LongEval Lab at CLEF 2023*. 2023.
- [3] Simone Bortolin e Loris Nanni. «Transfer learning for informative-frame selection in laryngoscopic videos through learned features». Bachelor's thesis. Università degli Studi di Padova, 2021.

ADDITIONAL INFORMATION

In compliance with the Italian legislative Decree 196 dated 30 June 2003 and art. 13 GDPR (EU Regulation 2016/679), I hereby authorize you to use and process my personal details contained in this document for the purposes of research and selection of personnel.

Get the latest version of the resume at s.simonebortolin.it/CVen.