



Sandro Savino

Place of birth: Vimercate, Italy **Nationality:** Italian

WORK EXPERIENCE

[2016 – Current]

Healthcare Simulation Technology Specialist

Department of Medicine, University of Padova

City: Padova | **Country:** Italy

Technical support for simulation projects: analysis of technical requirements, setup of audio-video systems, development of hardware and software simulation tools

Design and implementation of medical simulation programs: project drafting, organization, logistics, writing reports and publications

European projects design, implementation and coordination

[2011 – Current]

University teaching

University of Padova

City: Padova | **Country:** Italy

Computer Architecture, Bachelor's degree in Information Engineering (2015, 2019, 2023-ongoing)

Digital Systems, Bachelor's degree in Information Engineering (2020-2022)

Programming Fundamentals and Python Programmin, Second Level Master in GISciences and UAV (2020-ongoing)

Informatics, Postgraduate Specialization Program in Radiology (2020-2022)

Geographical Information Systems, Master degree in Information Engineering (2011-2023)

Programming for Data Manipulation, PhD Course in Clinical and Experimental Sciences (2024-ongoing)

[2011 – Current]

University research

University of Padova

City: Padova | **Country:** Italy

EEDUSIM KA220–HED Cooperation Partnerships for higher education, n. 2022-1-IT02-KA220-HED-000088870 training in healthcare education with simulation, design and implementation of a train the trainer course for the implementation of healthcare simulation in medical education (2022-2024)

FSE Project “Strumenti innovativi per la promozione turistica: film-induced tourism” del Dipartimento dei Beni Culturali, design and development of a document management system with research, annotation, geotagging and recommendation functionalities (2015-2016)

SIR Project “Italian Film Criticism in Post-War Cultural and Popular Periodicals (1945-1955): models and criteria for an accessible and scalable database”, design and development of the document management system (2015-2017)

Project CARGEN (CARTographic GENERALization), design of techniques for automatic cartographic generalization and development of algorithms and systems for processing, controlling, and converting large-scale topographic databases (2007-2015)

[2013 – 2020]

Software developer

Self employed

City: Padova | **Country:** Italy

Full-stack developer, design and implementation of DMS, CMS and web GIS platforms

[2011 – 2014] **Software engineer**

Geomatica e Ambiente, Beta Studio

City: Padova | **Country:** Italy

Design and development of GIS software and database modeling with spatial functionalities; in particular, for the Ministry of Environment (MATTM), I participated in the implementation of OGC WCTS services for the National Geoportal and the CCTASI system for the Environmental Unit of the Carabinieri

EDUCATION AND TRAINING

[2008 – 2011] **PhD / Doctor Europaeus**

University of Padova <https://www.unipd.it>

City: Padova | **Country:** Italy | | **Level in EQF:** EQF level 8

[06/2009 – 01/2010] **Visiting PhD Student**

Technische Universiteit Delft <https://www.tudelft.nl/>

City: Delft | **Country:** Netherlands | | **Level in EQF:** EQF level 7

[09/2004 – 04/2007] **Master Degree in Information Engineering**

University of Padova

City: Padova | **Country:** Italy | | **Level in EQF:** EQF level 7

[09/2005 – 02/2006] **Erasmus Scholarship**

University of Aberdeen <https://www.abdn.ac.uk/>

City: Aberdeen | **Country:** United Kingdom | | **Level in EQF:** EQF level 6

[09/2000 – 09/2004] **Bachelor's Degree in Information Engineering**

University of Padova

City: Padova | **Country:** Italy | | **Level in EQF:** EQF level 6

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Spanish

LISTENING A2 READING B1 WRITING A1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

German

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user