Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Matteo Zini**
Address(es)	---
Telephone(s)	----------------------- Mobile: -----------------
E-mail	matteo.zini@santannapisa.it
Skype	-----------------------
Nationality	Italian
Date of birth	16 May 1996
Gender	Male

Work experience

Dates	**September - October 2017**
Occupation or position held	**Internship**
Main activities and responsibilities	Assistance for the creation of documentation for the courses of the school. Research and preparation of teaching material and setup of online platforms for the courses of the school.
Name and address of employer	Scuola Nazionale Trasporti e Logistica, 1, Via del Molo, 19126 La Spezia (SP)
Type of business or sector	Education

Education and training

Dates	**October 2020 – in progress**
Title of qualification	**PhD in Emerging Digital Technologies – Curriculum: Embedded Systems**
Name and type of organisation providing education and training	ReTiS Lab, TeCIP Institute, Scuola Superiore Sant'Anna, Pisa (PI), Italy
Principal subjects/occupational skills covered	Resource reservation, partitioning and virtualization in hypervisor-based real-time systems
Level in national or international classification	ISCED (2011) - 8

Dates	**September 2018 – September 2020**
Title of qualification	**Master's Degree in Embedded computing systems (in English) – Vote: 110/110 cum laude**
Thesis title	Hardware-assisted memory isolation in hypervisor for real-time systems
Principal subjects/occupational skills covered	Real-time and distributed system, Digital control systems and mechatronics, Dependable and secure systems, Design of embedded systems, Optimization methods, Computer architecture, Digital systems, Computational intelligence, Virtual and augmented reality, Industrial applications, Component based software design, Internet of things, Robotics.
Name and type of organisation providing education and training	Scuola Superiore Sant'Anna and Università di Pisa, Italy

Level in national or international classification	ISCED (2011) - 7

Dates	**September 2015 – July 2018**
Title of qualification awarded	**Bachelor's Degree in Computer Engineering – Vote: 110/110 cum laude**
Thesis title	Algoritmo per la rilevazione delle fasi del passo mediante scarpe sensorizzate (Gait phases detection algorithm through sensors provided shoes)
Principal subjects/occupational skills covered	Maths, Physics, Electronics, Programming, Computer architecture, Operating systems, Computer networks, Signal Processing, Software engineering, Control theory, Databases.
Name and type of organisation providing education and training	Università di Pisa, Italy
Level in national or international classification	ISCED (2011) - 6

Dates	**September 2010 – July 2015**
Title of qualification awarded	**Scientific high school degree - Vote: 100/100 cum laude**
Principal subjects/occupational skills covered	Maths, Physics, Science, Italian language and literature, English language and literature, Latin language and literature, Philosophy, History, Geography, Art history and technical drawing.
Name and type of organisation providing education and training	Liceo Scientifico Statale A. Pacinotti, La Spezia (SP), Italy
Level in national or international classification	ISCED (2011) - 3

Personal skills and competences

Mother tongue(s)   **Italian**

Other language(s)

Self-assessment

European level (*)

	Understanding			Speaking				Writing	
	Listening		Reading	Spoken interaction		Spoken production			
English	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
	Certificate in Advanced English (C1) obtained in 2014								
French	A1	Basic user	A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

(*) Common European Framework of Reference for Languages

Social skills and competences	Ability to organize work with the other members of a team, acquired during the group projects at University and the internship at Scuola Nazionale Trasporti e Logistica in La Spezia
Organisational skills and competences	Business organization and project development skills acquired during the "Economy and business organization" and "Industrial applications" courses at University.
Technical skills and competences	Familiar with UML diagrams used in multiple courses at University.
Computer skills and competences	Programming Languages: C/C++, Java, Python, PHP, Javascript, SQL, HTML. Hardware design languages: VHDL. Basic knowledge of the Qt framework, the git version control tool and LaTeX. Familiarity with the Matlab and Simulink environments. Operating Systems: Windows, Linux. Databases: MySQL and ER diagrams Fundamentals of Cisco network devices configuration Familiarity with the MS Office suite (Word, Excel, PowerPoint, Outlook, Project, Visio, Teams) Basic knowledge of CAD programs (16 hours course in 2015) and Photoshop.
Driving licence	Category B