

**EUROPEAN  
CURRICULUM VITAE  
FORMAT**



**PERSONAL INFORMATION**

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Nationality Italian  
Date of birth 09, October, 1974

**WORK EXPERIENCE**

- Dates (from – to)  
• Name and address of employer  
• Type of business or sector  
• Occupation or position held
- From 1 September 2005 to today  
University of Verona, Via dell'Artigliere 8, 37129, Verona  
Higher Education, research and Third Mission – State University  
**Technical/Administrative employee; Category D, Technical, Technical-Scientific and Data Processing Area (old nomenclature)/ “Funzionari” Area, Scientific-Technologic Sector (current nomenclature) [Pers. Tecnico Amm.vo Categoria D - Area tecnica, tecnico-scientifica ed elaborazione dati (vecchia nomenclatura)/Area dei Funzionari Settore Scientifico-Tecnologico (nuova nomenclatura)]**  
**Scientific research:** In this field, I mainly deal with software development for the medical image processing. I have collaborated on studies with different scopes based on the analysis of different imaging modalities such as: 3D printing of prostheses for mandibular bone regeneration designed on CT images, segmentation and/or 3D rendering of the subfornical organ and footpad in MRI images, diagnosis of unstable carotid plaques in MDCTA images, study of ocular anatomical areas in 2D ultrasound, morphological description of the internal anal sphincter in 3D ultrasound, diagnosis of hepatic steatosis in 2D ultrasound, classification and modeling of hepatic vascular tissue in CT.  
I gained important experience in the field of research by participating in a study aimed at creating a room temperature biosusceptometer where I collaborated in different implementation phases, from the software simulation of some aspects of the instrument's operation, to the assembly and the testing of a prototype.  
**Research Quality Assurance** In this field, I mainly carry out activities aimed at planning, monitoring and incentivizing departmental research performance. I'm currently working at the Department of Surgery, Dentistry, Paediatrics and Gynaecology where I hold the roles of “IRIS Products” referent, “IRIS Third Mission” referent (IRIS is the institutional repository of the scientific production of the University of Verona), member of the Research Commission and member of the QA Team.
- Dates (from – to)  
• Name and address of employer  
• Type of business or sector  
• Occupation or position held

4 Academic Years: 2021/2022, 2020/2021, 2019/2020, 2018/2019.  
University of Verona, Via dell'Artigliere 8, 37129, Verona  
Higher Education, research and Third Mission – State University  
**Adjunct Professor [Professore a Contratto]** of the course **“Computer science applied to literature research”** (the course is a module of the teaching: “Assistance to childbirth and puerperium”), SSD (ie scientific disciplinary sector ) INF01 - INFORMATICS, Obstetrics Bachelor's Degree, Credits 2.

<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer <ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul> </li> </ul>	<p>2 Academic Years: 2023/2024(current year), 2018/2019. The teaching has been assigned to me also for the Academic Year 2024/2025</p> <p>University of Verona, Via dell'Artigliere 8, 37129, Verona Higher Education, research and Third Mission – State University <b>Adjunct Professor [Professore a Contratto]</b> of the course “<b>Computer science applied to literature research</b>” (the course is a module of the teaching: “Evidence-based obstetrics”), SSD INF\01 - INFORMATICS, Obstetrics Bachelor's Degree, Credits 2.</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer <ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul> </li> </ul>	<p>5 Academic Years: 2023/2024(current year), 2022/2023, 2021/2022, 2020/2021 and 2018/2019. The teaching has been assigned to me also for the Academic Year 2024/2025</p> <p>University of Verona, Via dell'Artigliere 8, 37129, Verona State University <b>Adjunct Professor [Professore a Contratto]</b> of the course “<b>Informatics</b>” (the course is a module of the teaching: “Behavioural Sciences and Scientific Methodology”), SSD INF\01 – INFORMATICS , Combined Bachelor's + Master's degree in Dentistry in Dental Prosthetics, Credits 4.</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer <ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul> </li> </ul>	<p>5 Academic Years: 2023/2024(current year), 2022/2023, 2021/2022, 2020/2021 and 2019/2020. The teaching has been assigned to me also for the Academic Year 2024/2025</p> <p>University of Verona, Via dell'Artigliere 8, 37129, Verona Higher Education, research and Third Mission – State University <b>Adjunct Professor [Professore a Contratto]</b> of the course “<b>Information Processing System</b>” (the course is a module of the teaching: “Methodology for evidence-based practice”), SSD: ING-INF/05-INFORMATION PROCESSING SYSTEMS, Dental Hygiene Bachelor's degree, Credits 2.</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer <ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul> </li> </ul>	<p>4 Academic Years: 2023/2024(current year), 2022/2023, 2021/2022 and 2020/2021. The teaching has been assigned to me also for the Academic Year 2024/2025</p> <p>University of Verona, Via dell'Artigliere 8, 37129, Verona Higher Education, research and Third Mission – State University <b>Adjunct Professor [Professore a Contratto]</b> of the course “<b>Informatics</b>” (the course is a module of the teaching: “Physics, Statistics, informatic systems”), SSD: INF\01 - INFORMATICS , Orthopaedics Techniques Bachelor's degree, Credit 1.</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer <ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul> </li> </ul>	<p>1 Academic Year: 2023/2024 (current year). The teaching has been assigned to me also for the Academic Year 2024/2025</p> <p>University of Verona, Via dell'Artigliere 8, 37129, Verona Higher Education, research and Third Mission – State University <b>Adjunct Professor [Professore a Contratto]</b> of the teaching “<b>Informatics</b>”, SSD INF\01 - INFORMATICS, Legal services for businesses, administrations and non-profits Bachelor's degree, Credits 3.</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer <ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul> </li> </ul>	<p>From 12 August 2021 to 13 August 2021</p> <p>University of Verona, Via dell'Artigliere 8, 37129, Verona Higher Education, research and Third Mission – State University <b>Adjunct Professor [Professore a Contratto]</b> of the course in “<b>Preparatory course: Basic Mathematics</b>” (10 hours of lessons). Preparation course for the admission test to the Psychological Sciences for Training and Professional Development Bachelor's degree - 2021 Edition, Credit 0.</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer <ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul> </li> </ul>	<p>From 17 August 2020 to 20 August 2020 (exam simulation date: August 29, 2020)</p> <p>University of Verona, Via dell'Artigliere 8, 37129, Verona Higher Education, research and Third Mission – State University <b>Adjunct Professor [Professore a Contratto]</b> of the course “<b>Mathematics</b>” (24 hours of lessons). Preparation course for the admission test to the Sport and Exercise Science Bachelor's degree - 3° edition 2020 , Credit 0.</p>

<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer <ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul> </li> </ul>	<p>From 10 January 2020 to 8 May 2020  University of Verona, Via dell'Artigliere 8, 37129, Verona  Higher Education, research and Third Mission – State University  <b>Adjunct Professor [Professore a Contratto]</b> of the course “<b>Mathematics (preparation to the Medicine test)</b>” (24 hours of lessons); Tandem Project- Edition 2019/2020; Credit 0.</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer <ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul> </li> </ul>	<p>26 July 2019  University of Verona, Via dell'Artigliere 8, 37129, Verona  Higher Education, research and Third Mission – State University  <b>Adjunct Professor [Professore a Contratto]</b> of two lessons (2 different teaching assignments of 3 hours each) “<b>Logic Exercises</b>” as part of the preparation course for the single admission test to “Combined Bachelor's + Master's degree in Medicine and Surgery” and “Combined Bachelor's + Master's degree in Dentistry in Dental Prosthetics”, IV° Edition, Credit 0</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and address of employer <ul style="list-style-type: none"> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul> </li> </ul>	<p>22 July 2019  University of Verona, Via dell'Artigliere 8, 37129, Verona  Higher Education, research and Third Mission – State University  <b>Adjunct Professor [Professore a Contratto]</b> of one lessons (3 hours) “<b>Mathematics Exercises</b>” as part of the preparation course for the single admission test to “Combined Bachelor's + Master's degree in Medicine and Surgery” and “Combined Bachelor's + Master's degree in Dentistry in Dental Prosthetics”, IV° Edition, Credit 0</p>

## EDUCATION AND TRAINING

<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and type of organization providing education and training</li> <li>• Principal subjects/occupational skills covered</li> </ul>	<p>Diploma issue date :10 September 2015; Course duration: <b>3 years</b>  University of Verona</p>
<ul style="list-style-type: none"> <li>• Title of qualification awarded</li> <li>• Level in national classification (if appropriate)</li> </ul>	<p>Expertise in scientific research in the field of multimodal imaging in the broadest sense. In particular, my PhD thesis, entitled “Methods for the analysis of the texture of irregularly shaped regions of interest (ROIs) for biomedical images”, deals with the development of software aimed at the reformulation and/or implementation of indices for the texture analysis of digital images.</p> <p><b>Ph.D. in “Multimodal Imaging in Biomedicine”[Dottorato di ricerca in Imaging multimodale in biomedicina]</b>  title of the third cycle of the Bologna process</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and type of organization providing education and training</li> <li>• Principal subjects/occupational skills covered</li> </ul>	<p>Diploma issue date: 20 April 2005; Course duration: <b>1 year</b>  University of Verona</p>
<ul style="list-style-type: none"> <li>• Title of qualification awarded</li> <li>• Level in national classification (if appropriate)</li> </ul>	<p>expertise in the fields: digital Image processing and biomedical signals, medical statistics, medical robotics.</p> <p><b>Professional master's diploma (I° Level) in " Computer processing of biomedical data and Tele-control in medicine" [Diploma del Master Universitario di I livello in: “Elaborazione Informatica di Dati Biomedici e Telecontrollo in Medicina”]</b>  title of the second cycle of the Bologna process</p>
<ul style="list-style-type: none"> <li>• Dates (from – to)</li> <li>• Name and type of organization providing education and training</li> <li>• Principal subjects/occupational skills covered</li> <li>• Title of qualification awarded</li> <li>• Level in national classification (if appropriate)</li> </ul>	<p>Date of achievement: first session of academic year 2004  University of Padua</p> <p><b>Qualification to the profession of engineer [Abilitazione all'esercizio della professione di ingegnere]</b></p>

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
  - Title of qualification awarded
- Level in national classification (if appropriate)
  - Dates (from – to)
  - Name and type of organization providing education and training
  - Principal subjects/occupational skills covered
    - Title of qualification awarded
  - Level in national classification (if appropriate)

Date of achievement: 09 February 2004 (academic year 2002/2003); Course duration **5 years**  
 University of Padua

Computer Science, Electronics, Telecommunications, Mathematics, Physics, Logic, Title of Master's Degree thesis: "System for real-time control of a robot for rehabilitation"

**Masters's Degree in Information Technology Engineering specializing in Computer Systems and Applications [Laurea vecchio ordinamento in Ingegneria Informatica ad indirizzo Sistemi ed Applicazioni Informatici]**  
 [Laurea vecchio ordinamento]

Date of achievement: 21 July 1993 Course duration **5 years**  
 Industrial Technical Institute I.T.I.S. Guglielmo Marconi, Verona

Computer Science, Electronics, Mathematics, Logic, Italian, History, Foreign Language (English)

**High School Diploma as Industrial expert Chief Technician with specialization in Industrial Informatics [Diploma di maturità di Perito Industriale Capotecnico con la Specializzazione in Informatica Ind.le"]**  
 [Diploma di scuola secondaria superiore]

### **PERSONAL SKILLS AND COMPETENCES**

*Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.*

#### **MOTHER TONGUE**

#### **ITALIAN**

#### **OTHER LANGUAGES**

#### **ENGLISH**

GOOD  
 GOOD  
 GOOD

### **SOCIAL SKILLS AND COMPETENCES**

*Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.*

My research field is characterized by multidisciplinary collaboration of different specialists such as surgeons, radiologists, physicists, etc. In particular, my work involves collaboration/coordination with different specialists in order to identify new applications of IT in medicine. In the research activity carried out, I have demonstrated an excellent ability to quickly and effectively learn new knowledges necessary for each specific research (e.g. human and surgical anatomy, pathologies, radiological protocols, etc.) and an excellent attitude to teamwork.

### **ORGANISATIONAL SKILLS AND COMPETENCES**

*Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.*

Good ability to autonomously organize work, define priorities and assume responsibilities. I acquired these skills thanks to the various professional experiences described above where I have always been granted a high degree of autonomy in respecting deadlines and achieving objectives.

### **TECHNICAL SKILLS AND COMPETENCES**

*With computers, specific kinds of equipment, machinery, etc.*

Main Theoretical IT knowledges: Software Design, Database Design, Image Processing.  
 Main technical skills in development environments and libraries for medical image processing and 2D/3D rendering: MevisLab previous experiences with, Slicer 3D, I.T.K. and V.T.K. libraries.  
 Main technical skills in development environments and programming languages: Matlab previous experiences with: C++, Java, real-time programming in S.O. VxWorks.  
 Knowledge of DB for research and/or bibliometric evaluation of scientific literature in the medical field: PubMed, Cochrane library, Scopus, Web of Science, Journal Citation Reports.  
 Main experiences with other development environments and/or applications: Comsol Multiphysics: development environments for multiphysics simulation (finite element analysis),

<b>DRIVING LICENCE(S)</b>	main Office Applications (Excel 2016, Word 2016, PowerPoint 2016) previous experiences with Access 2000-2003 Driving Licence type B
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