

EUROPASS CURRICULUM VITAE

PERSONAL INFORMATION

First name(s) / Surname(s)
Address(es)
Telephone(s)
E-mail
Web page
Nationality
Date of birth
Gender

FEDERICA COLLINA

Imola, Italy
+39 3469420418
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Italian
13/12/1993
Female

RESEARCH ACTIVITIES

Dates (from – to)
Occupation or position held
Main activities and responsibilities

01/11/2022 – 20/03/2026

PhD in "CULTURAL HERITAGE IN THE DIGITAL ECOSYSTEM"

Information and Communication Technologies (ICT) for underrepresented cultural heritage: strategies for enhancement and communication through digital technologies. The project aims to investigate the communicative potential of Information and Communication Technologies (ICT) through their application in various Italian and Albanian cultural contexts that are peripheral and/or characterized by low visitor numbers, with the goal of developing new digital strategies for the enhancement and communication of their collections.

In parallel, within the framework of the NRRP Extended Partnership "CHANGES: Cultural Heritage Innovation for Next-Gen Sustainable Society" — specifically WP3 "Technological Context" of Spoke 4 "Virtual Technologies for Museums and Art Collections" — I carried out 3D acquisition and post-processing activities on objects from the temporary exhibition L'Altro Rinascimento (University Museum System) and part of the geological and paleontological collection of the Giovanni Capellini Museum (University Museum System). The aim was to develop and test a transparent methodology, traceable in its interpretative choices and potentially reproducible in other contexts.

Department of Cultural Heritage – Via degli Ariani, 1, 48121 Ravenna

Alma Mater Studiorum – University of Bologna

Name and address of employer
Type of business or sector

Dates (from – to)
Occupation or position held
Main activities and responsibilities

01/06/2022 – 31/10/2022

Occasional Freelance Research Contract

DARE Project (UIA, Project Number UIA04-137, 2019–2023). Activities included historical and technical research, data collection, and operational coordination with project partners in relation to WP6 and the following deliverables: D.6.1 Audiovisual Historical Archive of the Darsena District, D.6.1.2 3D Historical Reconstruction of the Darsena District in the 20th and 21st Centuries, and D.6.1.3 Darsena District Choral Storytelling.

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Main activities and responsibilities

01/04/2021 – 31/03/2022

Borsa di ricerca

DARE Project (UIA, Project Number UIA04-137, 2019–2023). "Virtual Museum and Digital Storytelling: Methodologies and Techniques." The research focused on identifying effective tools and methodologies for the development of Virtual Museums and Digital Storytelling projects aimed at the representation, interpretation, and communication of industrial and commercial urban heritage, with particular reference to the Darsena District of Ravenna.

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Name and address of employer
Type of business or sector

Dates (from – to)
Occupation or position held
Main activities and responsibilities

15/01/2020 – 14/01/2021

Civil Service

The project, carried out at FrameLAB – Multimedia & Digital Storytelling, involved the creation of 3D models through modelling and capture using a structured light scanner.

Department of Cultural Heritage – Via degli Ariani, 1, 48121 Ravenna

Alma Mater Studiorum – University of Bologna

Name and address of employer
Type of business or sector

Dates (from – to)	12/03/2018 – 12/03-2019
Occupation or position held	Postgraduate Research Trainee
Main activities and responsibilities	Activities carried out at the Bones Lab – Osteoarchaeology and Paleoanthropology Laboratory included the 3D acquisition of human skeletal elements using structured-light scanning technology for morphometric analyses aimed at the study of human evolution.
Name and address of employer	Department of Cultural Heritage – Via degli Ariani, 1, 48121 Ravenna
Type of business or sector	Alma Mater Studiorum – University of Bologna
ATTIVITÀ DIDATTICA	
Dates (from – to)	04/11/2025 – in corso
Occupation or position held	Teaching Tutor
Main activities and responsibilities	Student support and guidance activities for the delivery of the Massive Open Online Course (MOOC) <i>Introduction to Digital Heritage</i> , developed within the “DEH2023-00010 <i>Digital Education Hub – Higher Education</i> ” project, funded under the Italian National Recovery and Resilience Plan (NRRP), Mission 4 “ <i>Education and Research</i> ”. Responsibilities included providing information, assistance, and academic support to students throughout the course.
Name and address of employer	Department of Cultural Heritage – Via degli Ariani, 1, 48121 Ravenna
Type of business or sector	Alma Mater Studiorum – University of Bologna
Dates (from – to)	15/07/2024 – 19/07/2024
Occupation or position held	Tutor – “3D FOR CULTURAL HERITAGE” Summer School
Main activities and responsibilities	Organisation of activities and educational content. Delivery of lectures on the application of digital technologies in cultural heritage and on the principles and operation of structured-light scanners. Supervision and support of students during practical field acquisition activities.
Name and address of employer	Department of Cultural Heritage – Via degli Ariani, 1, 48121 Ravenna
Type of business or sector	Alma Mater Studiorum – University of Bologna
Dates (from – to)	24/06/2024 – 08/07/2024
Occupation or position held	Tutor – “COMPUTER GRAPHICS” laboratory
Main activities and responsibilities	Coordination of a module focused on 3D acquisition technologies, modelling software, and strategies for the enhancement and communication of cultural heritage through 3D digital products. Supervision of students during the practical development of cultural heritage projects, from 3D content creation to online presentation and dissemination.
Name and address of employer	Department of Cultural Heritage – Via degli Ariani, 1, 48121 Ravenna
Type of business or sector	Alma Mater Studiorum – University of Bologna
Dates (from – to)	2026
Occupation or position held	Co-supervisor
Main activities and responsibilities	Co-supervision of a Bachelor's degree thesis in Natural Sciences focused on the application of 3D technologies to cultural heritage: <u>Paolo Di Napoli</u> – <i>From physical to digital: new ways to experience the Museum's Anthropology Collections (SMA) through digitisation.</i>
Name and address of employer	Department of Biological, Geological, and Environmental Sciences – Via Selmi, 3, 40126 Bologna
Type of business or sector	Alma Mater Studiorum – University of Bologna
Dates (from – to)	2025
Occupation or position held	Co-supervisor
Main activities and responsibilities	Co-supervision of Single-Cycle Master's Degree theses in Conservation and Restoration of Cultural Heritage focused on the application of 3D technologies to cultural heritage: <u>Adele Bonetti</u> – <i>Vittore's Sarcophagus at the monumental complex of San Vitale in Ravenna: study, conservation treatment, and digital reconstruction proposal of the former Sancta Sanctorum altar.</i> <u>Federica Tamba</u> – <i>Felsina's memories: a bronze cista from the Certosa Necropolis. Study, restoration and design of an exhibition stand.</i> <u>Arianna Demi</u> – <i>Development of an operational methodology appropriate to the museum context on the sarcophagus of Annia Faustina. In-depth study of the investigation and reconstruction of the polychromy of the stele of Pupius.</i>
Name and address of employer	Department of Cultural Heritage – Via degli Ariani, 1, 48121 Ravenna
Type of business or sector	Alma Mater Studiorum – University of Bologna

Dates (from – to)	2024
Occupation or position held	Co-supervisor
Main activities and responsibilities	Co-supervision of Single-Cycle Master's Degree theses in Conservation and Restoration of Cultural Heritage focused on the application of 3D technologies to cultural heritage: <u>Chiara Tamburro</u> – <i>Cesena's "mascheroni" in via Milani: restoration and valorisation of plastic works forgotten by time.</i>
Name and address of employer	Department of Cultural Heritage – Via degli Ariani, 1, 48121 Ravenna
Type of business or sector	Alma Mater Studiorum – University of Bologna
Dates (from – to)	2023
Occupation or position held	Co-supervisor
Main activities and responsibilities	Co-supervision of Single-Cycle Master's Degree theses in Conservation and Restoration of Cultural Heritage focused on the application of 3D technologies to cultural heritage: <u>Alessandra Pisano</u> – <i>The restoration of the basin of the "Domus CD. dei Leopardi" (1st century A.D. - 5th century A.D.) in the Roman city of Ostra. The study of the artefact from a historical, archaeological, and material point of view. Area of experimentation: the application of consolidating agents on an archaeological asset preserved in the open air.</i> <u>Simona Lombardi</u> – <i>Post Fata Resurgo. The restoration of the sculptural group Adam and Eve by Jean René Gauguin and its valorisation through exhibition.</i>
Name and address of employer	Department of Cultural Heritage – Via degli Ariani, 1, 48121 Ravenna
Type of business or sector	Alma Mater Studiorum – University of Bologna
Dates (from – to)	2020
Occupation or position held	Co-supervisor
Main activities and responsibilities	Co-supervision of Single-Cycle Master's Degree theses in Conservation and Restoration of Cultural Heritage focused on the application of 3D technologies to cultural heritage: <u>Maria Giuseppina Valeri</u> – <i>The restoration of the sarcophagus of the Chapel of Relics in Sant'Apollinare Nuovo: research and study of the events that led to its new location. The 3D reconstruction of the ancient structural layout: a new cognitive proposal.</i> <u>Elena Sagripanti</u> – <i>Late antique Domus of Via Dogana in Faenza. The vestibulum mosaic. Completion of the restoration. Virtual restoration methodologies aimed at musealisation.</i> <u>Bianca Trombi</u> – <i>From the Church of San Rocco di Montegridolfo to the laboratories: transport and restoration of the detached fresco 'Madonna enthroned with Child between Saints Rocco and Sebastian'. History of conservation events and the theme of moving works of art.</i> <u>Diana Scirri</u> – <i>The architectural fictile decorations of the Sanctuary of Monte Rinaldo. Study of an intervention methodology. Ideas for a museum within everyone's reach: musealisation, valorisation, and didactics.</i>
Name and address of employer	Department of Cultural Heritage – Via degli Ariani, 1, 48121 Ravenna
Type of business or sector	Alma Mater Studiorum – University of Bologna

EDUCATION AND TRAINING

Dates (from – to)	01/11/2022 – 20/03/2026
Title of qualification awarded	PhD in "Cultural Heritage in the Digital Ecosystem" – Final Assessment: Excellent PhD thesis in SSD ARCH-01/G - GSD 10/ARCH-01 – <i>Information and Communication Technologies (ICT) for underrepresented cultural heritage: strategies for enhancement and communication through digital technologies.</i>
Name and type of organisation providing education and training	Alma Mater Studiorum – University of Bologna
Dates (from – to)	2015 – 2018
Title of qualification awarded	Second cycle degree in Archaeology and Cultures of the Ancient World – 110/110 L Thesis in Bioarchaeology – <i>Anthropological study of human remains from the imperial and late antique necropolises of the roman city of Suasa (Ancona, Italy).</i>
Name and type of organisation providing education and training	Alma Mater Studiorum – University of Bologna
Dates (from – to)	2012 – 2015
Title of qualification awarded	Bachelor's Degree in Cultural Heritage Conservation - 108/110 Thesis in Anthropology – <i>Study of renaissance burials from the Basilica of Santa Maria Maggiore in Trento.</i>
Name and type of organisation providing education and training	Alma Mater Studiorum – University of Bologna

Dates (from – to)	16/03/2026 – 18/05/2026
Title of qualification awarded	Course: "New Models of Cultural Consumption, Audience Types and New Ways of Engaging with Cultural Heritage" (with certificate)
Name and type of organisation providing education and training	Demetra Formazione
Dates (from – to)	09/10/2023 – 13/10/2023
Title of qualification awarded	Course: "19 th School of Computer Graphics for Cultural Heritage: AI and Cultural Heritage" (with certificate)
Name and type of organisation providing education and training	CINECA
Dates (from – to)	03/2023 – 06/2023
Title of qualification awarded	Course: "Accademic English Skills - AcES" (with certificate)
Name and type of organisation providing education and training	CLA University Language Centre, Alma Mater Studiorum – University of Bologna
Dates (from – to)	19/01/2023 – 08/02/2023
Title of qualification awarded	Course: PhD Information Literacy, Open Access & Copyright Workshop
Name and type of organisation providing education and training	SBA University Library System, Alma Mater Studiorum – University of Bologna
Dates (from – to)	02/2022 – 03/2022
Title of qualification awarded	Course: "3D Printing for Beginners: Technologies and Software" (with certificate)
Name and type of organisation providing education and training	Life Learning S.R.L.

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s) **Italian**

Other language(s) **English**

European level (*)
English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2

(*) Common European Framework of Reference – CEFR.

Software and tools

Artec 3D scanners (Space Spider, Eva, Leo, Micro) - photogrammetry - Artec Studio - Blender - Meshlab - Verge 3D - Leios - Agisoft Metashape - 3DF Zephyr - Instant Meshes - Ultimaker CURA - 3D Vista - yEd - AutoCAD 2D - Adobe (Illustrator, Photoshop, After Effects, Premiere) - Wordpress

SUBSTITUTIVE DECLARATION OF CERTIFICATION (art. 46 e 47 D.P.R. 445/2000)

The undersigned FEDERICA COLLINA, in accordance with Articles 46 and 47 and aware of the criminal penalties and the forfeiture of any benefits obtained in the event of untruthful declarations, pursuant to Articles 75 and 76 of D.P.R. No. 445/2000, declares that the information provided in this Europass Curriculum Vitae is true and accurate.

Place and date

Imola, 20/05/2026

Signature

Federica Collina