



Bruno Sartini

📍 **Home** : Munich, Germany

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Date of birth: 04/12/1995 **Nationality:** Italian

ABOUT ME

Semantic web specialist, ontology engineer, and programmer specialized in the knowledge representation of cultural heritage.

2x hackaLOD winner!

EDUCATION AND TRAINING

[16/10/2024 – 30/10/2024]

Generative AI: Prompt Engineering Basics

IBM Via coursera <https://www.coursera.org/account/accomplishments/certificate/Q7D28974OHAX>

City: Online |

[01/10/2024 – 16/10/2024]

Generative AI: Introduction and Applications

IBM Via coursera <https://www.coursera.org/account/accomplishments/certificate/RG4CS8VLXDEE>

City: Online |

[01/10/2024 – 16/10/2024]

Introduction to AI

IBM Via coursera <https://www.coursera.org/account/accomplishments/certificate/KZL4AH6I1IEE>

City: Online |

[01/09/2024 – 19/09/2024]

Introduction to Software Engineering

IBM Via coursera <https://www.coursera.org/account/accomplishments/certificate/CQL7TGLA0ZAD>

City: Online |

[01/06/2023 – 20/07/2023]

Generative AI with Large Language Models Course Certificate

DeepLearning.AI <https://www.coursera.org/account/accomplishments/verify/P3SH32KRWDA7>

| **Final grade:** 100%

[31/10/2019 – 07/2023]

PhD

Alma Mater Studiorum University of Bologna

City: Bologna | **Country:** Italy | **Field(s) of study:** Digital Humanities ; Semantic Web | **Level in EQF:** EQF level 8 | **NQF Level:** PhD | **Thesis:** Connecting Works of Art within the Semantic Web of Symbolic Meanings.

Knowledge representation and extraction of cultural symbolism.

Ontology design on symbolic relationships and artistic interpretations.

Symbolic-based cultural similarity measurements.

Re-engineering and enrichment of knowledge graph with automatic, context dependent, symbolic interpretations.

Knowledge-driven discovery of serendipitous symbolic connections between artworks.

[01/11/2017 – 29/10/2019]

M.A in Digital Humanities and Digital Knowledge

Alma Mater Studiorum University of Bologna

City: Bologna | **Country:** Italy | **Field(s) of study:** Digital Humanities | **Final grade:** 10/110 con lode | **Level in EQF:** EQF level 7 | **NQF Level:** Master Degree (Master of Arts) | **Type of credits:** CFU | **Number of credits:** 120 | **Thesis:** Polarity and Emotions Variations in Poetry's Symbolism

Good knowledge of Python programming language

Good knowledge on scholarly digital editions

Good knowledge on European standard of Linked Open Data for Museums, Archives and Libraries (both on a technical and legal point of view)

Good knowledge of NLP techniques

Good knowledge of Machine Learning (especially deep learning with tensorflow)

Good knowledge of XML and XML TEI

Good knowledge on ontology development and formal representation of knowledge

[01/09/2016 – 30/01/2017]

Erasmus Student

Universidad Autónoma de Madrid

City: Madrid | **Country:** Spain | | **Type of credits:** CFU | **Number of credits:** 30

12 credits in Spanish linguistics and translation.

12 credits in English Language and Linguistics.

6 credits in English Literature

Use of the Project Management tool "ProjectLocker"

Use of the translation tool OmegaT

[30/09/2014 – 26/10/2017]

B.A. in Languages in the Information Society

University of Rome "Tor Vergata" http://web.uniroma2.it/module/name/Content/navpath/OFF/section_parent/6656

City: Roma | **Country:** Italy | **Field(s) of study:** Languages and Computer Science | **Final grade:** 110/110 cum laude | **Level in EQF:** EQF level 6 | **NQF Level:** Bachelor Degree (Bachelor of Arts) | **Type of credits:** CFU | **Number of credits:** 180 | **Thesis:** Analisi della conversazione tra stalker e vittima di stalking (General and Applied Linguistics)

Italian literature and linguistics

English language, literature and linguistics

Spanish language and linguistics

SQL language

HTML and CSS markup languages

Javascript and Java programming languages

Joomla and Wordpress CMS

Use of translation tools: Trados and OmegaT

[04/2019 – 05/2019]

Participant @ Digital Humanities Hackathon di Helsinki

University of Helsinki

City: Helsinki | **Country:** Finland | **Field(s) of study:** Digital Humanities

Named Entity Recognition applied to all the published books in England between XVI and XVII century. Creation of a Poster.

[29/02/2020 – 31/03/2020]

Participant @ ACDH Virtual Hackathon

Austrian Center for Digital Humanities and Cultural Heritage

Third Place

[14/09/2009 – 07/07/2014] **High School Diploma (scientific)**

Liceo Scientifico Pitagora

City: Selargius | **Country:** Italy | **Field(s) of study:** Liceo Scientifico Tradizionale | **Final grade:** 100/100

WORK EXPERIENCE

[01/07/2024 – Current] **Akademischer Rat (Senior Postdoctoral Researcher - Beamte - A13) - LMU**

Doing research, helping the institute with knowledge representation, ontology engineering, implementation of Semantic Web technologies for the field of Archaeology. Teaching university courses (programming, linked open data, digital collections)

[15/03/2023 – 30/06/2024] **Postdoctoral Researcher (E13) at the Institute for Digital Cultural Heritage Studies - LMU**

Doing research, helping the institute with knowledge representation, implementation of Semantic Web technologies for the field of Archaeology. Teaching university courses (programming, linked open data, digital collections)

[31/05/2020 – 01/10/2023] **Collaborator for the SPICE H2020 European Project**

Working on the 6.3 WP on the development of the ontologies that will conceptualize the interactions between users and museal objects.

Writing of deliverables. Writing of academic papers.

Assistance in the maintenance of the website (<https://spice-h2020.eu/>)

[28/02/2019 – 31/05/2019] **Trainee for the POSTDATA European Project**

Development of a Machine Learning project applied to poetry. Collaboration in the development of the POSTDATA Ontology

RESEARCH NETWORK

[15/03/2023 – Current] **Institute for Digital Cultural Heritage Studies**

<https://www.dkes.fak12.uni-muenchen.de/index.html>

Working as a Postdoctoral research for the institute. Contributing to the research of the institute (publication, research plans, writing of grants), teaching (5 hours a semester) in bachelor's and master's courses, helping in the development of a master degree in digital heritage.

[01/11/2019 – Current] **Semantic Technology Laboratory (STLab) - Bologna**

<http://stlab.istc.cnr.it/stlab/>

Active member of the research laboratory. Participation and discussion on research. Writing publications. Organization and attending of Seminars.

[01/11/2019 – Current] **Digital Humanities Advanced Research Centre (/DH.ARC) - Bologna**

<https://centri.unibo.it/dharc/en>

Active member of the research centre. Participation and discussion on research. Writing publications. Working on the SPICE project.

[2021 – 2022] **Digital Humanities Lab (DHLab) - Amsterdam**

<https://dhlab.nl/>

External Affiliate. Visited the lab for 6 months (September-December 2021 and April-June 2022) and in November 2022. Collaborated on publications, organized seminars.

PUBLICATIONS

[2024] **[Deciphering Still Life Artworks With Linked Open Data](#)**

Reference: Fifth Conference on Computational Humanities Research

[2024] **[An Ontology Network for Citizen Curation](#)**

Reference: ACM Journal on Computing and Cultural Heritage

Full reference: Luigi Asprino, Rossana Damiano, Marilena Daquino, Stefano De Giorgis, Aldo Gangemi, Antonio Lieto, Bruno Sartini, and Manuel Striani. 2024. An Ontology Network for Citizen Curation. J. Comput. Cult. Herit. Just Accepted (December 2024). <https://doi.org/10.1145/3704729>

[2024] **[One pattern to express them all? Towards Generalised Patterns for Ontology Design in the Digital Humanities](#)**

Reference: 15th Workshop on Ontology Design and Patterns (WOP 2024)

Forthcoming: co-located with the international semantic web conference (ISWC2024)

[2024] **[Improving Retrieval and Expression of Iconographical and Iconological Semantic Statements: An Extension of the ICON Ontology](#)**

Reference: International Conference on Theory and Practice of Digital Libraries

Full Citation: Baroncini, S., Sartini, B. (2024). Improving Retrieval and Expression of Iconographical and Iconological Semantic Statements: An Extension of the ICON Ontology. In: Antonacopoulos, A., *et al.* Linking Theory and Practice of Digital Libraries. TPDL 2024. Lecture Notes in Computer Science, vol 15177. Springer, Cham. https://doi.org/10.1007/978-3-031-72437-4_10

best paper honourable mention

[2024] **[Multivocal Exhibition: Exploring Cultural Perspectives through User-Curated Art Exhibitions](#)**

Reference: ACM Journal on Computing and Cultural Heritage

Full Reference: Bruno Sartini, Sarah Binta Alam Shoilee, Claudia A. Libbi, and Victor de Boer. 2024. Multivocal Exhibition: Exploring Cultural Perspectives through User-Curated Art Exhibitions. J. Comput. Cult. Herit. Just Accepted (July 2024). <https://doi.org/10.1145/3679020>

[2024] **[IICONGRAPH: improved Iconographic and Iconological Statements in Knowledge Graphs](#)**

Reference: European Semantic Web Conference (ESWC) 2024

Full Citation: Sartini, B. (2024). IICONGRAPH: Improved Iconographic and Iconological Statements in Knowledge Graphs. In: Meroño Peñuela, A., *et al.* The Semantic Web. ESWC 2024. Lecture Notes in Computer Science, vol 14665. Springer, Cham. https://doi.org/10.1007/978-3-031-60635-9_4

[2024] [**Towards a Semantic Representation of Egyptian Demonology: Requirements and Benchmark Study**](#)

Reference: SEMDH2024

Full Reference: Bruno Sartini and Rita Lucarelli. 2024. ATowards a Semantic Representation of Egyptian Demonology: Requirements and Benchmark Study. In proceedings of the First International Workshop of Semantic Digital Humanities co-located with the Extended Semantic Web Conference 2024 (ESWC 2024). Crete, Greece. <https://ceur-ws.org/Vol-3724/paper4.pdf>

[2023] [**A Comparative Study of Simple and Complex Art Interpretations in Linked Open Data Using ICON Ontology**](#)

Reference: International Workshop on Semantic Web and Ontology Design for Cultural Heritage

Full Reference: Bruno Sartini and Sofia Baroncini. 2023. A Comparative Study on Simple and Complex Art Interpretations in Linked Open Data Using ICON Ontology. In proceedings of the International Workshop on Semantic Web and Ontology Design for Cultural Heritage

co-located with the International Semantic Web Conference 2023 (ISWC 2023). Athens, Greece. <https://ceur-ws.org/Vol-3540/paper4.pdf>

Won best paper award

[2023] [**Connecting works of art within the semantic web of symbolic meanings**](#)

Reference: PhD Thesis

Full Reference: Sartini, Bruno (2023) Connecting works of art within the semantic web of symbolic meanings, [Dissertation thesis], Alma Mater Studiorum Università di Bologna. Dottorato di ricerca in Culture letterarie e filologiche, 35 Ciclo. DOI: 10.48676/unibo/amsdottorato/11020.

[2023] [**ICON: an Ontology for Comprehensive Artistic Interpretations**](#)

Reference: ACM Journal on Computing and Cultural Heritage

Full Reference: Bruno Sartini, Sofia Baroncini, Marieke van Erp, Francesca Tomasi, and Aldo Gangemi. 2023. ICON: An Ontology for Comprehensive Artistic Interpretations. J. Comput. Cult. Herit. 16, 3, Article 59 (September 2023), 38 pages. <https://doi.org/10.1145/3594724>

[2023] [**Is dc: subject enough? A landscape on iconography and iconology statements of knowledge graphs in the semantic web**](#)

Reference: Journal of Documentation

Full reference: [Baroncini, S.](#), [Sartini, B.](#), [Van Erp, M.](#), [Tomasi, F.](#) and [Gangemi, A.](#) (2023), "Is dc:subject enough? A landscape on iconography and iconology statements of knowledge graphs in the semantic web", *Journal of Documentation*, Vol. 79 No. 7, pp. 115-136. <https://doi.org/10.1108/JD-09-2022-0207>

[2023] [**Multivocal Exhibition: a user-centric application to explore symbolic interpretations of artefacts from different cultural perspectives**](#)

Reference: ExICE - Extended Intelligence for Cultural Engagement Conference

Full reference: Bruno Sartini, Andrei Nesterov, Claudia Libbi, Ryan Brate, Sarah Binta Alam Shoilee, Savvina Daniil. 2023. Multivocal Exhibition: a user-centric application to explore symbolic interpretations of artefacts from different cultural perspectives. In proceedings of Extended Intelligence for Cultural Engagement conference (ExICE).

[2022] [Comparing Symbolism Across Asian Cultural Contexts Using Graph Similarity Measures](#)

Reference: Digital Humanities 2022 Conference (DH 2022)

Full Reference: Bruno Sartini, Valentin Vogelmann, Marieke van Erp, and Aldo Gangemi. 2022. Comparing Symbolism Across Asian Cultural Contexts Using Graph Similarity Measures. In Book of abstracts of Digital Humanities 2022 Conference (DH 2022). The University of Tokyo, Japan, 358-361.

[2021] [Marriage is a Peach and a Chalice: Modelling Cultural Symbolism on the Semantic Web](#)

Reference: 11th Knowledge Capture Conference (K-CAP '21)

Full Reference: Bruno Sartini, Marieke van Erp, and Aldo Gangemi. 2021. Marriage is a Peach and a Chalice: Modelling Cultural Symbolism on the Semantic Web. In Proceedings of the 11th on Knowledge Capture Conference (K-CAP '21). Association for Computing Machinery, New York, NY, USA, 201–208. <https://doi.org/10.1145/3460210.3493552>

[2021] [Towards the unchaining of symbolism from knowledge graphs: how symbolic relationships can link cultures](#)

Reference: 10th National AIUCD Conference

Full reference: Bruno Sartini and Aldo Gangemi. 2021. Towards the unchaining of symbolism from knowledge graphs: how symbolic relationships can link cultures. In Book of extended abstracts of the 10th national AIUCD conference. AIUCD, Pisa, 576–580.

TEACHING EXPERIENCE

[16/10/2023 – Current] **Teaching Linked open data: Methods and Standards for Digital Cultural Heritage Preservation at the Ludwig-Maximilians University in Munich**

Currently teaching a course for bachelor's, master's and PhD students about using Linked Open Data to perform Digital preservation of cultural heritage, with a critical reflections on the advantages and limits of using this technology.

[16/10/2023 – Current] **Teaching Advancing to the Digital Frontier: an Introduction to Developing and Managing Digital Collections at the Ludwig-Maximilians University in Munich**

Currently teaching a course for bachelor's, master's, and PhD students about creating linked open data (explaining RDF, turtle serialization and syntax, main ontologies in the cultural heritage domain) and specific tools to manage and develop digital collections (Omeka-s, OpenRefine)

[25/04/2023 – Current] **Teaching Introduction to Programming at the Ludwig-Maximilians University in Munich**

Currently teaching a course for bachelor's, master's and PhD students with an educational background in the Humanities, the aim of the course is introducing basic concepts of Programming (Python).

[15/04/2024 – Current]

Teaching Introduction to Web Design For Humanists at the Ludwig-Maximilians University in Munich

Currently teaching a course for bachelor's, master's and PhD students about web design, covering HTML, CSS, and Javascript.

[01/10/2020 – 15/03/2023]

Teaching Tutor for the Digital Humanities and Digital Knowledge Master Degree - University of Bologna

General Tutoring:

- Help Students understand concepts introduced during classes
- Organize group sessions to do and correct exercises
- Develop and correct exam simulations

For the Knowledge Representation and Extraction Course:

- Teach laboratory classes to expand on topics covered by the professor. Namely: ontology design, SPARQL, knowledge extraction, knowledge graph creation and visualization
- Creation of tutorials for the students for the use of tools and web apps related to Knowledge Representation and Extraction.
- Host a digital hackathon for the students. The topics of the projects developed during the hackathon are in line with the topics of the course

[KRae Lab Lessons Materials \(2022\)](#)

[Example of a tutorial on Protégé](#)

CONFERENCES AND SEMINARS

[03/12/2024 – 06/12/2024]

Computational Humanities Research Conference 2024 Aarhus, Denmark

Presented a short paper, co-organized the #dm4myth Workshop (Digital Methods for Mythological Research), presented a short paper at the same workshop.

[24/09/2024 – 27/09/2024]

The 28th International Conference on Theory and Practice of Digital Libraries Ljubljana, Slovenia

Presented a full paper, got the honourable mention for the best paper.

[26/05/2024 – 30/05/2024]

ESWC 2024 Hersonissos, Crete

I was the chair of the workshops and tutorials track, I have presented a paper at the Semantic Digital Humanities Workshop, and one paper in the main track of the conference (resource)

[10/10/2023 – 13/10/2023]

The Kyoto Conference on Arts, Media, and Culture (KAMC) Kyoto, Japan

Presented a work titled "**Exploring Diverse Symbolic Interpretations of Japanese Art Through Semantic Web Technologies: Case Study of One Hundred Famous Views of Edo**", about the knowledge representation of Japanese art interpretation, focussing on the series of print "One Hundred Famous Views of Edo".

[15/03/2023]

ExICE 2023 Bologna, Italy

Presented a poster: Multivocal Exhibition: a user-centric application to explore symbolic interpretations of artefacts from different cultural perspectives.

Organized an augmented reality treasure hunt based on famous artists from Bologna.

[25/07/2022 – 29/07/2022] **Digital Humanities 2022 Responding to Asian Diversity** Online Event

Attended the conference and presented: Comparing Symbolism Across Asian Cultural Contexts Using Graph Similarity Measures.

Link: <https://dh2022.adho.org/>

[02/12/2021 – 03/12/2021] **K-CAP 2021 The Eleventh International Conference on Knowledge Capture** Online Event

Attended the conference and presented: Marriage is a Peach and a Chalice: Modelling Cultural Symbolism on the Semantic Web

Link: <https://www.k-cap.org/2021/>

[27/10/2021] **HING Webinars 2021** Online Event

Virtual seminar, presented: Modelling Cultural Symbolism on the Semantic Web

[19/01/2021 – 22/01/2021] **AIUCD 2021 – DHs for society: e-quality, participation, rights and values in the Digital Age.**

Online Event

Attended the conference and presented a Poster: Towards Unchaining of Symbolism from Knowledge Graphs: how symbolic relationships can link cultures.

Poster file: https://aiucd2021.labcd.unipi.it/wp-content/uploads/2021/01/37_Sartini-AIUCD2021_presentation_108.pdf

Link: <https://aiucd2021.labcd.unipi.it/en/home-english/>

[15/01/2020 – 17/01/2020] **AIUCD 2020 - The Inevitable Turn: Challenges and Perspectives in Humanities Computing**

Milan, Italy

Attended the conference.

Link: <https://aiucd2020.unicatt.it/>

[21/09/2020 – 28/10/2020] **Scholarly Digital Edition - Seminars Cycle by Desmond Schmidt** Online Event

Attended a series of seminars

[05/11/2020 – 30/06/2021] **Semantic Technology Laboratory Seminar Cycles** Online Event

Attended a series of webinars on Semantic Web Technologies and presented once on November 5th: Two experiments on iconological knowledge extraction and symbolic enrichment of CH-related knowledge graphs.

SUMMER SCHOOLS, HACKATHONS, COMPETITIONS

[08/11/2024 – 09/11/2024] **HackaLOD 2024**

Project theme: creating an application with semantic web technologies and linked open data about sports and olympics

Our team (team MAMBO) won the Jury award

Link: <https://netwerkdigitaalerfgoed.nl/hackalod/>

[04/11/2022 – 05/11/2022] **HackaLOD 2022**

Location: Utrecht, The Netherlands.

Project theme: Creating an application exploiting information in linked open data about cultural heritage.

The aim of this app is to give the user the possibility to choose a concept (like courage) and up to 3 cultural contexts (like Christian, Chinese, Japanese), and then the app will generate a 3D exhibition of artworks that, in the chosen cultural contexts, contain symbols referring (symbolically) to the chosen concept.

The app was developed in 24 hours in a team consisting of 6 PhD students.

Results: The team won the Polyvocality Award.

[03/07/2022 – 09/07/2022] **International Semantic Web Research Summer School (ISWS 2022)**

Location: Bertinoro

Attended the summer school, presented a poster: Cultural Symbolism and the Semantic Web

Link: <http://2022.semanticwebschool.org/>

[02/2022] **3 Minute Thesis Competition**

Location: Bologna

Expained my thesis in a 3 minute presentation:

"Breaking the Symbolic Wall: Making Computers Understand Artworks"

Results: Bologna University Finalist

[3 minute presentation](#)

[01/03/2020 – 31/03/2020] **ACDH-CH Open Data Virtual Hackathon 2020**

Location: Virtual

Project theme: Analysing, remixing, merging data starting from the Digital Humanities course registry.

The aim of this project is to investigate the techniques taught by the different DH courses and the collaborations in terms of academic publications between institutions within the field of Digital Humanities. The data from the Digital Humanities Course Registry were integrated with scholarly external datasets such as Microsoft Academics and Crossref.

Results: Third Place

[Documentation of the project](#)

[15/05/2019 – 24/05/2019] **Digital Humanities Hackathon 2019**

Location: Helsinki

Project theme: Genre and Style in Early Modern Publications

Poster created and presented: Name-dropping in 18th Century Public Discourse

[Presentation](#)

[Poster](#)

DIGITAL SKILLS

My Digital Skills

Semantic Web

Knowledge extraction | Knowledge Representation and Reasoning | Protege | YED
Graph Editor | RDFLib | Linked Data (RDF, Sparql, TripleStores) | Ontology
Development (OWL)

Programming Languages

Java | Javascript | Python | Python Libraries(Numpy Pandas SciKit-Learn Keras
Gensim Matplotlib)

Web Development

HTML | CSS | Bootstrap | Social Network | CMS | Web site development with Jekyll
(Ruby)

General

Windows | Microsoft Office | MySQL | 3D Modelling - Blender

Text Encoding

XML TEI | XSLT XML and XML Technologies

Machine Learning

Large Language Models | Sentiment Analysis | Generative AI | Named Entity
Recognition | Large Multimodal Models | Emotion Mining | Prompt Engineering | M
achine learning methods (SVM, k-nearest neighbors, Bayesian classifiers) | Named Entity
Disambiguation | Word2Vector

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Spanish

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

German

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

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

WORK EXPERIENCE

[15/03/2023 – Current]

Postdoctoral Researcher (E13)

Ludwig-Maximilians University (LMU)

City: Munich | **Country:** Germany

Research related tasks: continuing personal research, helping with the research plan, publications and grant writing of the Institute for Digital Cultural Heritage Studies.

Teaching related tasks: Teaching 5h per semester to bachelor, master and PhD students. Helping the Institute for Digital Cultural Heritage Studies to develop a master degree in Digital Cultural Heritage

[10/11/2020 – 15/03/2023]

Academic tutor

Università di Bologna

City: Bologna | **Country:** Italy

Review of the contents of the computer-science related courses of the Master Degree in Digital Humanities and Knowledge. Assign and correct exercises.

[31/05/2020 – Current]

Collaborator for SPICE European Project

City: Bologna | **Country:** Italy

Working on the 6.3 WP on the development of the ontologies that will conceptualize the interactions between users and museal objects.

Assistance in the maintainance of the website.

[01/11/2019 – Current]

Collaborator for the Research Laboratory STLAB

STLab

City: Bologna | **Country:** Italy

Working on the ArCo4Science project on the knowledge discovery applied to ArCo (Italian cultural heritage knowledge graph)

[01/11/2019 – Current]

Collaborator for the Research Laboratory /DH.arc

Alma mater studiorum University of Bologna

City: Bologna | **Country:** Italy

Collaboration on various digital humanities projects of the lab.

[28/02/2019 – 31/05/2019]

Trainee for the European Project POSTDATA

Digital Humanities laboratory LINHD

City: Madrid | **Country:** Spain

Development of a Machine Learning project applied to poetry. Collaboration in the development of the POSTDATA Ontology

[29/10/2016 – 03/01/2017]

Referee and Collaborator

Beerpong Madrid

City: Madrid | **Country:** Spain

Direct contact with clients. Referee of beerpong matches. Advertisement of the products of the Beerpong Madrid Brand.

[02/04/2017 – 28/05/2017]

Marketing Trainee

TutorED

City: Roma | **Country:** Italy

Creation of content in Italian and Spanish for TutorED website. Support for the marketing area.

[2019 – 2022]

ICON Ontology

The ICON ontology deals with high granularity art interpretation. It was developed by conceptualizing Panofsky's theory of levels of interpretation, therefore artworks can be described according to Pre-iconographical, Iconographical and Iconological information.

[Documentation](#)

[2019 – 2021]

Simulation Ontology

This ontology was designed to conceptualize symbolic meanings following Baudrillard's Simulacra and Simulation theory. Symbols, their meaning, the context in which the symbolic meaning (or simulation) exists and the source of the simulation are linked to a N-ary Simulation Class.

[Documentation](#)

[2019]

UOMO Profile Ontology Project

UOMO (**U**ser **O**riented social **M**edia **O**ntology) conceptualizes how social media are structured. Its aim is to cover all the features that characterize social medias, with a broad focus on both the most famous and less common ones. It was developed as a project for the course in Social Media Technologies at the Digital Humanities and Digital Knowledge Master Degree.

[Website](#)

[Documentation](#)

[2018]

SEBuCCI Project

SEBuCCI (School self-Evaluation, Building Certifications and Cultural Institutions) looks at school self-evaluations from a particular perspective to find out whether the presence or lack of cultural institutions and of building certifications are among the factors affecting school performance. The analysis are provided by mixing together data belonging to different public datasets about Italian Highschools. The release of the new data has been provided alongside metadata that respects the FAIR principles and good practices of LOD. A visualization accompanies the project. This project was developed for the Open Access and Digital Ethics course of the Digital Humanities and Digital Knowledge Master Degree.

[Website](#)

[Documentation](#)

[2018]

SWApp - Storytelling Mockup for Cultural Heritage Interactive App

This project is the mockup of an interactive storytelling-based app to tell the user about what happened to Gentile Budrioli, a woman who was accused of witchcraft in Bologna. It was developed as a project for the course in Web Writing and Digital Storytelling at the Digital Humanities and Digital Knowledge Master Degree

[Storytelling Presentation](#)

[2018] **KREPOLISMA - Knowledge Representation and Extraction of a Poem's Literal and Symbolic Meaning Analysis**

The aim of this project is to collect knowledge of a poem (we choose as an example "I Felt a Funeral, in my Brain" by Emily Dickinson) and produce an RDF version of it using a prototype ontology. Moreover, we analyzed the poems in terms of subjectivity and polarity thanks to sentiment analysis. It was developed as a project for the course in Knowledge Representation and Extraction at the Digital Humanities and Digital Knowledge Master Degree

[Website \(with Poem v.1\)](#)

[Poem v.2](#)

[2018] **Digital Diplomatic Historia Ecclesiastica Gentis Anglorum**

This project is a demo of the Digital Diplomatic Edition of an Old English translation of *Historia Ecclesiastica Gentis Anglorum* By Bede. The whole project has been developed using HTML5, CSS3 and JavaScript. It has been created for the course of Digital Scholarly Editing of the Digital Humanities and Digital Knowledge Master Degree

[Website](#)