Anna Sofia Lippolis

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Bologna, Italy

EDUCATION

PhD student, programme of [Philosophy, Science, Cognition and Semiotics](#)— *Alma Mater Studiorum, University of Bologna*

NOVEMBER 2021- ONGOING

International Master's Degree, Digital Humanities and Digital Knowledge— *Alma Mater Studiorum, University of Bologna*

NOVEMBER 2018 - MARCH 2021

110 *magna cum laude*/110

Dissertation: *Variants Mining: a quantitative analysis of authorial corrections. The case of Alessandro Manzoni's 'I promessi sposi'.*

This work aims to verify the possibility to identify patterns in the way of working of a writer by focusing on the automatic processing and statistical analysis of authorial corrections within selected chapters of the first two *The Betrothed* editions by Alessandro Manzoni. The first results have been shown on a [dedicated website](#) and published in 2021 on *[Umanistica Digitale](#)*.

External research member, Center for Manuscript Genetics— *Antwerp, Belgium*

JULY 2020 - AUGUST 2020

Assistance in the TEI encoding of Samuel Beckett's manuscripts for the [Beckett Digital Manuscript Project](#) and in the reconstruction of the [Beckett Digital Library](#) within the project. Curricular internship.

Editor, Pendragon Publishing House — *Bologna*

FEBRUARY 2018 - MARCH 2018

Editing and proofreading. Curricular Internship.

Bachelor's degree, Philosophy — *Alma Mater Studiorum, University of Bologna*

SEPTEMBER 2015 - JULY 2018

110 *magna cum laude*/110

Dissertation in **Theoretical Philosophy**: *The epistemological problem in Husserl and Heidegger. A comparison between 'The Crisis of European Sciences' and 'The Age of the World Picture'.*

LANGUAGE SKILLS

English: Cambridge C2 Certificate

French: CLA certificate B1

German: CLA certificate A1

TECHNICAL SKILLS

Python: data mining, Deep Learning and Natural Language Processing libraries

Web technologies: HTML, CSS, JS, Wordpress

Semantic technologies: XML, RDF(S), OWL, SPARQL, Semantic Wikis, Protégé

High school diploma (classical curriculum) , Liceo M. Minghetti — *Bologna, Italy*

SEPTEMBER 2010 - JULY 2015

WORK EXPERIENCE

Research Fellow — Italian National Research Council (CNR), Institute for Cognitive Science and Technologies, Rome

JUNE 2021 - NOVEMBER 2022

Research assistance to the project Water Health Open Knowledge (WHOW). Program Committee member of the Conference on Information and Knowledge Management (CIKM) 2022.

Communications fellow — Alliance of Digital Humanities Organizations (ADHO)

JUNE 2021 - PRESENT

Communications fellow for the website and social media of the Alliance of Digital Humanities Organizations (ADHO).

Curator— Liceo Galvani's Historical Archive, Bologna

JANUARY 2022 - MAY 2022

Curator of the digital valorisation project for Liceo Galvani's historical archive (Bologna, Italy).

Tutor, Advanced Programming course— *Alma Mater Studiorum, University of Bologna*

NOVEMBER 2021 - DECEMBER 2021

Tutoring for the laboratory of the Advanced Programming course at the University of Bologna.

Contributor— Vulci Nel Mondo

FEBRUARY 2021 - JUNE 2021

Contribution to the online cultural heritage project "Vulci Nel Mondo", assistance to the website and database creation, along with its virtual museum.

ADDITIONAL TRAINING

Digital Humanities Hackaton — *Helsinki Centre for the Digital Humanities, University of Helsinki*

11-20 MAY 2022

Selected with scholarship for the Digital Humanities Hackaton (DHH22) at the Helsinki Centre for the Digital Humanities, Helsinki. Quantitative and qualitative

analysis of epistolary metadata from three international corpora XVI-XX century: [link to the poster](#).

Feltrinelli Camp — *Fondazione Feltrinelli, Milan*

30 NOVEMBER-1 DECEMBER 2021

Selected with scholarship to participate in the Feltrinelli Camp "For a New Globalization". The outcome has been published as part of an [online monograph](#) by Feltrinelli.

DLF Forum Community Journalist — *Digital Library Federation*

1-3 NOVEMBER 2021

Selected with scholarship to participate as a Community Journalist to the [DLF Forum](#). The result of the experience is the writing of a post about metadata management in digital collections. The post can be seen [here](#).

Summer School in Digital Humanities and Digital Communication — *University of Modena and Reggio Emilia*

7-11 JUNE 2021

Selected for the summer school in Digital Humanities and Digital Communication addressing state of the art techniques in Digital Humanities.

Sentiment analysis in Literary Studies — *Centre for Information Modelling, University of Graz*

17-19 FEBRUARY 2021

Selected for a workshop on the application of state-of-the-art Sentiment Analysis methods on historical textual corpora and presentation of *Variants Mining.*

Summer School "Entrepreneurship in Humanities" — *Fondazione Golinelli, Bologna*

9-21 JULY 2018

Selected with scholarship for the entrepreneurial Summer School by Fondazione Golinelli.

PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

Anna Sofia Lippolis and Gabriella Totaro, "Variants Mining. Computational investigations on authorial variants: a comparison between Leopardi and Manzoni". In: *Umanistica Digitale* no. 10(2021), 46-69. https://umanisticadigitale.unibo.it/article/view/12627.

Anna Sofia Lippolis et al., "The Digital WHOmanities project: Best Practices for Digital Pedagogy in the Pandemic Era". In: *Umanistica Digitale* no. 10(2021): 451-460. https://umanisticadigitale.unibo.it/article/view/11829.

CONFERENCE CONTRIBUTIONS

Aldo Gangemi, Anna Sofia Lippolis, Giorgia Lodi and Andrea Giovanni Nuzzolese. Automatically Drafting Ontologies from Competency Questions with FrODO. arXiv preprints arXiv:2206.02485. (2022). DOI: https://doi.org/10.48550/arXiv.2206.02485.

Anna Sofia Lippolis, Giorgia Lodi and Andrea Giovanni Nuzzolese. "A reference architecture for knowledge graphs in the PA: the case of the Water Health Open knoWledge project". Presented at the workshop session for Public Administration of the National Conference CINI on Artificial Intelligence (ITAL-IA) 2022 (2022).

Margherita De Blasi, Anna Sofia Lippolis and Gabriella Totaro. "Political Variants Mining: computational investigations on authorial variants", In: AIUCD 2021 Book of Abstracts (2021), ISBN 9788894253559. DOI: 10.6092/unibo/amsacta/6712.

REVIEWS

Anna Sofia Lippolis, "Review of Graph Data-Models and Semantic Web Technologies in Scholarly Digital Editing". In: *Ecdotica* no. 18 (2022), forthcoming.

Anna Sofia Lippolis, "Recensione a 'Manzoni', a cura di Paola Italia". In: *La questione Romantica* no. 13 (2021), ISBN 9788820769185.

Anna Sofia Lippolis, "Review of Galileo Galilei's notes on motion", In: *RIDE: A review journal for digital editions and resources*, no.14 (2021), DOI: 10.18716/ride.a.14.2. Accessed: 25.05.2022.

TECHNICAL REPORTS

Anna Sofia Lippolis, Giorgia Lodi, Andrea Giovanni Nuzzolese. *Design of the technical services for knowledge graph management. Deliverable 4.1 of the WHOW Project (EU CEF Telecom INEA/CEF/ICT/A2019/2063229) Prot. CNR-ISTC 0000203/2022.* 2021 https://github.com/whow-project/deliverables/blob/main/ArchitectureDeliverable_final.pdf.

Anna Sofia Lippolis, Giorgia Lodi, Andrea G. Nuzzolese, Gianluca Carletti, Carmen Ciciriello, Anna Pasian, Patrizia Borrello, Roberta De Angelis, Marco Picone, Emanuela Spada. *Milestone #9: SDGs and KPIs are defined. Deliverable 5.1 of the WHOW Project (EU CEF Telecom INEA/CEF/ICT/A2019/2063229) Prot. CNR-ISTC 1219/2022.* 2022 https://github.com/whow-project/deliverables/blob/main/Deliverable_WHOW_Milestone9_SDGs_KPIs.pdf.

Anna Sofia Lippolis, Giorgia Lodi, Andrea Giovanni Nuzzolese, Gianluca Carletti, Elio Giulianelli, Marco Picone, Giulio Settanta. Data pre-processing is finalised. Deliverable 3.1 of the WHOW Project (EU CEF Telecom INEA/CEF/ICT/A2019/2063229) Prot. CNR-ISTC 1220/2022. 2022 https://github.com/whow-project/deliverables/blob/main/WHOW_Del%203.1_D

ataPreprocessing.pdf.

OTHER PUBLICATIONS

Caitlin Burge et al., *Helsinki Digital Humanities Hackathon 2022: Epistolary Fingerprints. Identity and Representation: patterns in historical letter metadata*. Poster.

Ludovica Taurisano et al., "Working Group Economic Democracy". In: *For a new globalization*, edited by Massimo Amato et al., 29-40, Milano: Feltrinelli, 2022. ISBN: 9788868354374.

Anna Sofia Lippolis, "DLF Forum Community Journalist Reflection: Anna Sofia Lippolis", Accessed: 25.05.2022.

DIGITAL PROJECTS

(2020-2022) Digital WHOmanities — *MIUR Project of FICLIT department of excellence 2020*

Planning and supervision of a cycle of conferences and laboratories on Digital Humanities (FICLIT project of excellence 2020). Link to the Youtube channel with conference recordings.

(2022) Mappa dei monumenti femminili italiani — *Associazione Mi Riconosci?*

Realization of the Map of Italian monuments dedicated to women for the association *Mi Riconosci?.*

(2020-2021) Collaboration with MehTA+ Tutoring— *Digital Humanities Machine Learning Bootcamp*

Collaboration to the Digital Humanities Machine Learning Bootcamp by MehTA+ Tutoring on Machine Learning techniques for the dating of writer Giacomo Leopardi's *Zibaldone* and for the stylometric analysis with the aim of authorship attribution of poet Eugenio Montale's *Diario Postumo*.

(2021) *A carte scoperte*

Collaboration as IT consultant for A carte scoperte, book on Italian contemporary writing, in association with Amnesty International Italia.

(2020) OpenSisma

Analysis and reuse of Italian open data to understand the effects of the earthquake in Emilia Romagna in 2012 on the regional educational system. Adjustment of the available datasets to interoperability standards and creation of related metadata. Documentation of the project.