Alessandro Locaputo

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Employment History

2022 – ····   ▌ **AILAB Udine,** University of Udine. Research.

Education

2022 – ····   ▌ **Ph.D., University of Udine** Computer Science and Artificial Intelligence.
Topic: *Deep Learning for Digital Humanities.*

2018 – 2022   ▌ **M.Sc. Computer Science, University of Udine** Algorithms and Automated Reasoning
Thesis title: *Graph Neural Network for Calculating Forces and Energies of Iron Atom Structures.*

2014 – 2017   ▌ **B.Sc. Computer Science, University of Udine**
Thesis title: *Utilizing Constraints and Preferences in GUI Generation.*

Research Publications

Conference Proceedings

1 **A. Locaputo**, B. Portelli, E. Colombi, and G. Serra, "Filling the lacunae in ancient latin inscriptions," in *Proceedings of the 19th Conference on Information and Research Science Connecting to Digital and Library Science*, vol. 3365, 2023, pp. 68–76.

2 A. Brunello, E. Colombi, **A. Locaputo**, S. Magnani, N. Saccomanno, and G. Serra, "Usage of language model for the filling of lacunae in ancient latin inscriptions: A case study," in *Proceedings of the 2nd Workshop on Artificial Intelligence for Cultural Heritage (IAI4CH 2023)*, AIxIA 2023, vol. 3536, 2023, pp. 113–125.

Books and Chapters

1 **A. Locaputo**, B. Portelli, S. Magnani, E. Colombi, and G. Serra, "AI for the Restoration of Ancient Inscriptions: A Computational Linguistics Perspective," in *Decoding Cultural Heritage: A Critical Dissection and Taxonomy of Human Creativity Through Digital Tools*, F. Moral-Andrés, E. Merino-Gómez, and P. Reviriego, Eds., In Publishing Phase, Springer, 2024.

Teaching Experience

Teaching Assistant

2023-2024   ▌ **Deep Learning Course**
Laboratories lectures for the Computer Science Master's degree.

Co-Supervision

2023   ▌ **One Master student traineeship**

2022   ▌ **One Student's M.Sc Degree's Thesis**

Service

Conference Reviewing

2023 **TPDL 2023**
The 27th International Conference on Theory and Practice of Digital Libraries

ACL 2023
The 61st Annual Meeting of the Association for Computational Linguistics

PACLIC 2023
The 37th Pacific Asia Conference on Language, Information and Computation

Local Committee

2022 **AIxIA 2023**
The 21st International Conference of the Italian Association for Artificial Intelligence

Membership

2022 – · · · · **AIxIA**
Italian Association for Artificial Intelligence

2023 – · · · · **ACM**
Association for Computing Machinery