Francesca Poli

COMPUTER SCIENCE STUDENT

Pisa, Toscana

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in my LinkedIn
⌂ my GitHub

Hard skills

○ Python for NLP, machine learning and data mining
○ Deep neural networks modeling and reservoir computing
○ Web development from scratch (JavaScript, PHP, SQL)
○ Statistics for data analysis

Certificates

november 2016 Advanced English (C1)
GRADE: B (score: 195)
Released by Cambridge International
ID: 16BIT3265012

Voluntary work

2020-2021 Content creator and social media manager - KRINO
Promotion and in-depth analysis of the innovations brought by the digital humanities field of research - krino.org

Education

2021 - ongoing Master's Degree in Computer Science - AI curriculum
University of Pisa - Department of Computer Science
Expected graduation in a.y. 2024/2025

2017 - 2021. Bachelor's Degree in Digital Humanities
University of Pisa - Department of Philology, Literature and Linguistics
GRADE: 110 cum laude/110
Thesis: *Sviluppo di un Sense Inventory per task di Word Sense Disambiguation: il progetto ELEXIS.*
Supervisor: prof. Alessandro Lenci, supported by ILC-CNR researchers Monica Monachini and Francesca Frontini.

2017. Classical High school diploma
Liceo Classico G. D'Annunzio - Pescara
GRADE: 100/100

Work experience and apprenticeships

october 2024 - february 2025 Master thesis' traineeship - TU Delft | Cognitive Robotics (Erasmus+ exchange)
In the EIC-EMERGE context, co-design of SNN archetypes. Pairing spiking neurons with reservoir computing frameworks and mechanical oscillators for time series classification tasks.

february 2023 - july 2024 Peer to peer tutoring for students
Welcoming, support and tutoring for both matriculated and enrolled Computer Science students in University of Pisa.

october 2020 - april 2021 Internship for Bachelor's degree thesis - ILC-CNR Pisa
Partnership in the European project Elexis to develop of a sense extraction tool and sense mapping extension using Python. Project published in the ILC-CNR for CLARIN-IT repository.

march to july 2020 Student internship - ILC-CNR Pisa
Collaboration for the creation of a dictionary of contemporary Italian usage.

Publications

Poli, 2021, Poli, Francesca, 2021, *Italian Sense Inventory*, ILC-CNR for CLARIN-IT repository hosted at Institute for Computational Linguistics "A. Zampolli", National Research Council, in Pisa. doi: 20.500.11752