



NICCOLÒ PUCCINELLI

PROFILE

Bachelor's degree in Computer Science at University of Pisa and Master's degree in Data Science at University of Milano-Bicocca, with primary knowledge of AI, statistics and software engineering. Currently PhD student in Computer Science at USI, Lugano, under the supervision of Professor Mauro Pezzé. Member of STAR group.

CONTACTS

- 28/09/1998, Pontedera (PI), Italy
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- <https://www.linkedin.com/in/niccol%C3%B2-puccinelli-b1ba2a232/>
- <https://niccolopuccinelli.github.io/>

LANGAUGES

Italian
English IELTS C1
ID 21IT001547PUCN264A

SKILLS

Machine Learning
Neural Networks
Keras, Pytorch
LLMs
Software Engineering
Software Quality & Testing
DB (SQL, NoSQL)
Python, R, C/C++, Java, KNIME
Data visualization, Tableau
Statistical modeling
Time series analysis
Data management & analysis
Simulations, SUMO, TraCI
Latex
Git

OTHER

- Tutor in math and computer science
- Level 2 HACCP certification obtained in October 2019
- Two-year experience as animator at youth summer camps
- Various volunteer activities

PORTFOLIO

<https://github.com/NiccoloPuccinelli>

EDUCATION

2021-2023

MASTER'S DEGREE IN DATA SCIENCE

Università degli Studi di Milano-Bicocca

Final grade 110L/110

2017-2021

BACHELOR'S DEGREE IN COMPUTER SCIENCE

Università di Pisa

Final grade: 99/110.

2012-2017

SCIENTIFIC HIGH SCHOOL GRADUATION

Liceo Scientifico XXV Aprile, Pontedera

Final grade: 87/100.

PUBLICATIONS

FROM TODAY'S CODE TO TOMORROW'S SYMPHONY: THE AI TRANSFORMATION OF DEVELOPER'S ROUTINE BY 2030

Università della Svizzera Italiana, 2024

Matteo Ciniselli, Niccolò Puccinelli, Ketai Qiu, and Luca Di Grazia. From Today's Code to Tomorrow's Symphony: The AI Transformation of Developer's Routine by 2030. 2024. arXiv: 2405.12731 [cs.SE]. URL: <https://arxiv.org/abs/2405.12731>.

ON THE USE OF PERSONALIZED MODELS FOR BLOOD GLUCOSE CONCENTRATION PREDICTION,

Università degli Studi di Milano-Bicocca, 2023

Niccolò Puccinelli, Flavio Piccoli, and Paolo Napoletano, "On the Use of Personalized Models for Blood Glucose Concentration Prediction," 2023 IEEE 13th International Conference on Consumer Electronics - Berlin (ICCE-Berlin), Berlin, Germany, 2023, pp. 100-105, doi: [10.1109/ICCE-Berlin58801.2023.10375621](https://doi.org/10.1109/ICCE-Berlin58801.2023.10375621).

BENCHMARKING RESERVOIR AND RECURRENT NEURAL NETWORKS FOR HUMAN STATE AND ACTIVITY RECOGNITION

Università di Pisa, 2021

Bacciu, Davide, Di Sarli, Daniele, Gallicchio, Claudio, Micheli, Alessio, Puccinelli, Niccolò (2021). Benchmarking Reservoir and Recurrent Neural Networks for Human State and Activity Recognition. In: Rojas, I., Joya, G., Català, A. (eds) Advances in Computational Intelligence. IWANN 2021. Lecture Notes in Computer Science, vol 12862. Springer, Cham. https://doi.org/10.1007/978-3-030-85099-9_14.