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 machine learning, neural networks and statistics. 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
Software Engineering
Software Quality & Testing
DB (SQL, NoSQL)
Python, R, C/C++, Java, KNIME
Data visualization, Tableau
Statistical modeling
Time series analysis
Data management
Data analysis
Text mining
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.

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.