

Giorgio Venturin

Curriculum Vitae

(Last updated: July 2025)

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👤 Current Position

PhD student in Information Engineering at University of Padua.
Main interests: Machine Learning, Algorithms with Predictions.

🎓 Education

PhD in Information Engineering, University of Padova, Italy.
October 2023 - Current
Advisor: Prof. Fabio Vandin

MSc in Computer Engineering, University of Padova, Italy.
September 2021 - September 2023
Final grade: 110/110 *cum laude*.
Thesis title: *Algorithms with Predictions for Triangle Counting in Temporal Networks*.
Advisor: Prof. Fabio Vandin.

BSc in Computer Engineering, University of Padova, Italy.
September 2018 - September 2021
Final grade: 110/110.
Thesis title: *Optimizers based on the Adam method*.
Advisor: Prof. Loris Nanni.

Scientific High School Diploma, Liceo Primo Levi Montebelluna, Italy.
September 2013 - July 2018
Final grade: 100/100.

🏛️ Academic Experience

Teaching assistant

October 2024 - January 2025
Machine Learning MSc course, University of Padova, Italy.
Laboratory lessons preparation and teaching, Python programming.

Teaching assistant

October 2023 - January 2024
Machine Learning MSc course, University of Padova, Italy.
Laboratory lessons preparation and teaching, Python programming.

Tutor

October 2022 – January 2023

Programming Laboratory BSc course, University of Padova, Italy.

Students' tutor during laboratory lessons and evaluation of final project, C++ programming.

Publications

[1] **G. Venturin**, I. Sarpe, F. Vandin, "Efficient Approximate Temporal Triangle Counting in Streaming with Predictions", at 2025 European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (**ECML-PKDD 2025**).

Awards

Fellowship “BUCA’22: Challenges in building billion user cloud applications”, 2022.

Opera Pia Novello scholarship, 2021.

Scholarship “Incentives for scientific degrees”, University of Padova, 2020.

Opera Pia Novello scholarship, 2020.

Opera Pia Novello scholarship, 2019.

Activities

Summer School DARE 2024, DARE Foundation.

29th - 31st July 2024

Co-design of Digital Preventive Technologies.

Research training, University of Padova, Italy.

March 2023 – May 2023

Reading groups, analysis and discussion of scientific literature.

BUCA’22 Summer School, University Center of Bertinoro, Italy.

June 2022

Summer school on “Challenges in building billion user cloud applications”.

Organizer: University Sapienza of Rome, Google.

Language

Italian: Native speaker

English: B2

Volunteering

Blood donor at Associazione Volontari Italiani del Sangue (AVIS).

February 2020 – Current