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## DAVIDE MARAN

PHD STUDENT COMPUTER  
SCIENCE

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### ABOUT ME

I have always been very interested in the theory of Probability and its astonishing results on modeling real-world phenomena. Now, I am seeking to apply this knowledge in the field of Machine Learning; For this reason, I am currently doing a PhD on theoretical foundations of Reinforcement Learning.

### CONTACT ME

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Gallarate (VA), 21013, Italy

### ASSOCIATIVE EXPERIENCE

I was I was appointed secretary of the Association of Mathematical Engineers in the 2020 board. In addition to drawing up the minutes of the meetings, I was involved in organize various seminars, meetings with companies and team building events aimed at members.

## EDUCATION

### PHD IN COMPUTER SCIENCE

2022-NOW

Politecnico di Milano (DEIB), subject: Reinforcement Learning

### MSC IN MATHEMATICAL ENGINEERING

2019 - 2021

Politecnico di Milano (Major: Statistical learning)

Main exams:

- Applied statistics
- Artificial neural networks and deep learning

Final grade: 110 cum laude/110

### BACHELOR'S IN MATHEMATICAL ENGINEERING

2016 - 2019

Politecnico di Milano

Main exams:

- Matematica numerica
- Modelli e metodi dell'inferenza statistica

Final grade: 103/110

### HIGH SCHOOL DIPLOMA

2011 – 2016

Liceo Leonardo da Vinci, Gallarate

## EXPERIENCE

### RESEARCH FELLOW

2022

DEIB (department electronics computer science and engineering) Politecnico di Milano

Worked with machine learning models to estimate state of health of batteries

## PUBLICATIONS

<https://scholar.google.com/citations?user=a8iOX8oAAAAJ&hl=en>

## LANGUAGE SKILLS

ITALIAN: native language

ENGLISH: advanced (TOEIC: 935/990)

## OTHER SKILLS

- Programming languages: Python, R, Matlab, C, C++, SQL
- MS Office Package
- LaTeX