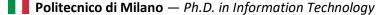
Davide Spinelli

EDUCATION

NOVEMBER 2022 - CURRENT



Multi-scale forecast-based digital platform to support efficient and resilient water management strategies under global change.

SEPTEMBER 2017 – DECEMBER 2020

■ Politecnico di Milano — M.Sc. in Computer Science and Engineering GPA: 110 / 110

Master Thesis: "Opponent Identification in Multi-Agent Reinforcement Learning". We determined the policy parameter update rule for the gradient-based algorithms of the other learning agents. Advances in Deep Learning project: transfer learning and Super-Resolution upsampling of human faces built upon *ProGanSR* in PyTorch using the Open Image Dataset.

Data Intelligence Applications project: online learning with combinatorial bandits in CUDA.

APRIL 2019 - JULY 2019

Erasmus at **Technische Universität Berlin** within the Alliance4Tech Mobility Program.

SEPTEMBER 2018 - DECEMBER 2018

Erasmus at **University College London** within the Alliance4Tech Mobility Program. Member of the Fencing Society and the Sci-Fi and Fantasy Society.

SEPTEMBER 2014 – SEPTEMBER 2017

Politecnico di Milano — B.Sc. in Automation Engineering (Industrial Course) Software Engineering team project on Game Development: I got a special acknowledgment from Prof. Ghezzi, I was asked to do a job interview by the company and I had the opportunity to take the role of academic tutor in two years' time.

NOVEMBER 2016 - NOVEMBER 2017

MyLeanMBA — 1-year Master of Business Administration

WORKING AND VOLUNTEERING EXPERIENCES

DECEMBER 2020 – JUNE 2021 — Technology Strategy Apprenticeship

JULY 2021 – DECEMBER 2021 — Technology Strategy Associate

JANUARY 2022 – JULY 2022 — Application and Emerging Technology Associate

AUGUST 2022 – NOVEMBER 2022 — Application and Emerging Technology Senior Associate

pwc PwC Italy - Digital Innovation, Milan — Senior Associate

- Optimization of a time-sensitive algorithm with constrained resources for business matching;
- development of an audit tool requiring thoughtful management of many-to-many relationships;
- development of a platform for fraud detection and coordination of a frontend subcontractor;
- integration of numerous third-party libraries for internal use and external clients.

MARCH 2018 - JUNE 2018

Politecnico di Milano — Academic tutor, Software Engineering course
I enjoyed working with the professor and assisting the students in developing their own projects.

MARCH 2016 - MARCH 2019

BEST - Board of European Students of Technology — Former member

University organization (website)

I acquired an international mindset and the ability to work both in a team and in a leading role.

- I was a delegate for BEST at the European Youth Event 2018 in Strasbourg, France.
- I was a delegate for BEST Milan at Autumn '16 Regional Meeting in Milan, Italy.
- I was a delegate for BEST Milan at Spring '16 Regional Meeting in Leuven, Belgium.

APRIL 2017

■ EBEC Italy - National Round — Event manager

I supervised 32 organizers and 48 participants coming from all over Italy, dealing with meals, accommodation, and schedule for the three-day event.

MAY 2015 - JUNE 2015

European Union Pavilion, EXPO Milan 2015 — EU Ambassador

For the reorganization of the distribution of leaflets and the welcoming of the Estonian government delegation, I was gifted a free-admission ticket by the Deputy Commissioner General.

HARD AND SOFT SKILLS

Good experience in Python, Java, C, C++, Typescript, HTML, SQL, GIT, Windows and MS Office.

Reasonable experience in PHP, CUDA, Colab, Linux and more.

A strong work ethic and a pragmatic attitude have consistently made me achieve my goals.

Being a straightforward person let me have good communication and relationships with my colleagues. My innate curiosity and flexibility, as well as my chosen academic path, helped me

LANGUAGES

Italian – Native

develop a T-shaped profile.

English – Professional proficiency
IELTS: 7.5 -> C1 (2017)

Spanish – Elementary proficiency

PUBLICATIONS

PUBLISHED ON 09/06/2022

Ethics of Self-driving Cars: A
Naturalistic Approach
Article co-authored by Dr. Arfini and
Prof. Chiffi. Published on the journal
Minds and Machines.

AWARDS

2010, 2013, 2014, 2015, 2016

Championnat International de Jeux Mathématiques et Logiques

Four times 1^{st} , once 2^{nd} at district rounds; Best of 23^{rd} / 450 at national rounds.

NOVEMBER 2017

Reply - Student Tech Clash

Finalist, 2nd place and presentation at "Salone dei Pagamenti" in Milan.

MAY 2018

BEST Milan

"Fundraiser of the month" for having gathered €1,000 in goods from companies.

INTERESTS AND ACTIVITIES

- Advancements in General AI
- Travel, meet new people and discover new cultures
- Play board games and tabletop roleplaying games
- Member of the Italian Fencing Federation (FIS), the Italian Alpine Club (CAI) and former member of the Italian Winter Sports Federation (FISI)