

Andrea Serra

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EDUCATION

Politecnico di Torino

Master's Degree in Artificial Intelligence and Data Analytics 2025 - Now
Bachelor's Degree in Computer Engineering 2022 - 2025

[Massachusetts Institute of Technology - MITx](#) Sep - Dic 2025
Machine Learning with Python: from Linear Models to Deep Learning

Edisu Scholarship for promising students who are up-to-date with their exams.

INTERNSHIPS

- **Sentric S.r.l. - WebScraping in Python** *March - May 2025*
Worked on **backend development** and **data scraping** in **Python (Requests, Selenium, Selectolax)**, improving and automating internal processes, using **Git** for version control, and **collaborating** in a team through task sharing and weekly **coordination calls**.

PROJECTS

- [FinanceBot](#) February 2023
Utilized Pandas and MetaTrader 5 API to collect and manipulate data, implementing an investment strategy based on the Bollinger Bands statistical model.
 - [Elle Erre](#) August 2022
Landing website for a transportation company. It is built using Bootstrap 5 and integrates a contact form through FormSubmit. The page serves as a corporate site, showcasing the company's services and providing a way for users to get in touch.
 - [Dancing in Space](#) June 2022
Led the team to win 1st place at the European RoboCup OnStage. Programmed robots in Arduino (C++), to perform synchronized routines to music.

TECHNOLOGIES AND LANGUAGES

- Python, Java, MySQL, Postgres, HTML, CSS, C
 - Git, Pandas, Tensorflow, Flask, Django, FastApi, Excel
 - Italian: Native, English: B2 (Upper Intermediate)