Carlo **Rosso**

Computer Science Student

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About me

I began my Master's in **Computer Science** in September and am deeply passionate about the field. My enthusiasm was solidified during the internship, when I explored and understood the mechanics behind state-of-the-art **machine learning algorithms**. Currently, I am seeking a **two-year student job** position in the IT field.

Professional Experience

Machine Learning Intern Padua (PD), Italy
University of Padua 07/2024 - 08/2024

- Studied the literature on **sentiment analysis** with **SST-5** dataset.
- Implemented and compared machine learning algorithms (**Kernel Methods**, **RNN**, **LLMs**)

Front Office Assistant Padua (PD), Italy
University of Padua 08/2023 - 11/2023

- Data processing support, front office tasks, and archiving.

Mechanical Worker Motta di Livenza, Italy
TPA Srl 06/2019 - 07/2019

- Fabricated and assembled automated machines.

Education

Master of Science in Computer Science
University of Copenhagen 09/2024 - ongoing

- Interesting courses: Advanced Algorithms and Data Structures, Machine Learning, Integrative Structural Biology.
- GPA: 2.5

Bachelor of Science in Computer Science
University of Padua 09/2021 - 09/2024

- Final Grade: 106/110.
- GPA: 3.5

Exchange Student Vejle, Denmark
Rødkilde Gymnasium 08/2019 - 05/2020

- The year of the COVID-19 pandemic.

Projects

Somebody's Blog! Anywhere in the world
Personal Project ongoing

- **Personal blog** where I write my daily thoughts and experiences and todos.
- Technologies: **Markdown**, **Rust**, **Workflow**.
- Infrastructure to convert markdown into HTML.

Easy Meal
Software Engineer, University of Padua

- **Web app** to manage orders of restaurateurs.
- Group work of 6 students.
- Backend: **Node.js**, **Nest.js**, **Drizzle ORM** and **PostgreSQL**.
- Frontend: **Angular**.
- Developed and deployed in **Docker**.
- Evaluation: 25/30.

Music vs Robot
Object-Oriented Programming, University of Padua

- **Tower-defense-style game**.
- in **C++14** with **Qt framework**.
- Clear separation of concerns to enhance maintainability and scalability.
- Encapsulation, polymorphism, and modularity.
- Evaluation: 3/3 with honors.

Spoken Languages

Italian	Native
English	Fluent, **IELTS 7.5**, Working on writing
Danish	Work in progress, Basic
Latin	Only reading, Love the poetry

Skills

Machine Learning	**NLP**, TensorFlow, PyTorch, Scikit-learn, Pandas, Numpy, HuggingFace
Programming Languages	**Python**, **Haskell**, **Rust**, Java, C++, C, TypeScript, JavaScript, PHP, Golang, SQL, Html, **Typst**, LaTex, Lua, Matlab
Computer Science	**Algorithms**, **Functional Programming**, **Git**, Object-Oriented Programming, Data Structures, Database, Web Development

Interests

Sports	Judo, **Sailing**, Skiing, Climbing
Hobbies	**Cooking**, **Open Source**, Curiosity, Reading, 3D Modeling, Music