Carlo **Rosso**

Computer Science Student

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About me

Passionate **Computer Science** Master's student with hands-on experience in machine learning and software development. My enthusiasm was solidified during the internship, when I explored and understood state-of-the-art machine learning algorithms and architectures. 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

- **Sentiment analysis** on **SST-5** dataset.
- Compared **Kernel Methods**, **RNN** and **LLMs**.

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

- Data processing support, front office tasks.

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 development** blog.
- Technologies: Markdown, **Rust**, **Workflow**.
- Infrastructure to convert markdown into HTML.

Weav
Friends Project — maybe done

- **Cross-platform** social media.
- Backend: **Python**, **Django**, **gRPC**, **TypeScript**.
- Frontend: **TypeScript**, **React-Native**, **Redux**.

Easy Meal
Software Engineer, University of Padua — done

- **Web app** to manage orders of restaurateurs.
- Technologies: **Docker**, **Nest.js**, **Drizzle ORM**, **PostgreSQL** and **Angular**.
- Evaluation: 25/30.

Music vs Robot
Object-Oriented Programming, University of Padua — done

- **Tower-defense-style game**.
- **C++14** with **Qt framework**.
- Separation of concerns for maintainability.
- Evaluation: 3/3 with honors.

Spoken Languages

Italian	Native
English	Fluent, **IELTS 7.5**
Danish	Basic, (Work in progress)
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
Tools	**Algorithms**, **Functional Programming**, **Git**, Object-Oriented Programming, Data Structures, Database, Web Development

Interests

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