

# Carlo Rosso

🌐 Italian 🏠 01/11/2002 📍 Copenhagen, DK

✉ carlorosso02@gmail.com 🏠 danesinoo.github.io 📧 danesinoo 🌐 carlo-rosso

## Education

### Master of Science in Computer Science

UNIVERSITY OF COPENHAGEN

Copenhagen, Denmark

09/2024 - ongoing

- Machine Learning, Online and Reinforcement Learning, Integrative Structural Biology.
- GPA: 2.5

### Bachelor of Science in Computer Science

UNIVERSITY OF PADUA

Padua, Italy

09/2021 - 09/2024

- Artificial Intelligence, Software Engineering, Operating Systems, Computer Networks.
- Final Grade: 106/110.

### Exchange Student

RØDKILDE GYMNASIUM

Vejle, Denmark

08/2019 - 05/2020

## Professional Experience

### Machine Learning Intern

UNIVERSITY OF PADUA

Padua (PD), Italy

07/2024 - 08/2024

- Performed **sentiment analysis** on **SST-5 dataset** to examine syntax's role in meaning.
- Achieved **55.2%** accuracy using **kernel methods** with syntactic informations.
- Improved accuracy to **57.3%** with **LLMs (RoBERTa)** with token based representations.

### Front Office Assistant

UNIVERSITY OF PADUA

Padua (PD), Italy

08/2023 - 11/2023

- **Managed** a database of **7M+** **student records**, ensuring accuracy using **Excel**.
- Assisted students via **in-person** and **email**, delivering efficient front-office support.

## Projects

### Somebody's Blog!

- **Automated blog** to convert **Markdown to HTML** with **Rust** and **GitHub Actions**.
- **CI/CD pipeline**, ensuring every post deploys blazingly fast—no manual work needed.

### Weav

- **Cross-platform app** to discover and advertise social events, for pubs, discos, coffees and young people.
- Engineered a scalable backend using **Python**, **Django**, and **gRPC**.

## Spoken Languages

**Italian:** Native   **English:** Fluent (IELTS 7.5)   **Danish:** Learning   **Latin:** Reading

## Software Skills

<b>Machine Learning</b>	NLP, Protein Folding, TensorFlow, Scikit-learn, Pandas, Numpy, HuggingFace, PyTorch
<b>Programming</b>	Functional Programming, Algorithms, Git, Object-Oriented Programming, Data Structures, Database, Web Development
<b>Languages</b>	Python, Haskell, Rust, Java, C++, C, TypeScript, JavaScript, PHP, Golang, SQL, Html, Typst, LaTeX, Lua, Matlab

## Interests

**Sports:** Judo, Sailing, Skiing   **Hobbies:** Open Source, Reading, 3D Modeling