

Carlo Rosso

🌐 Italian 🏠 01/11/2002 ♂ he/him

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Education

Master of Science in Computer Science UNIVERSITY OF COPENHAGEN	Copenhagen, Denmark 09/2024 - ongoing
<ul style="list-style-type: none">Advanced Algorithms and Data Structures, Machine Learning, Integrative Structural Biology.GPA: 2.5	
Bachelor of Science in Computer Science UNIVERSITY OF PADUA	Padua, Italy 09/2021 - 09/2024
<ul style="list-style-type: none">Artificial Intelligence, Software Engineering, Database, 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
<ul style="list-style-type: none">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 performance to 57.3% with LLMs (RoBERTa) with token based representations.	
Front Office Assistant UNIVERSITY OF PADUA	Padua (PD), Italy 08/2023 - 11/2023
<ul style="list-style-type: none">Managed a database of 7M+ student records, ensuring accuracy using Excel and internal systems.Assisted students via in-person and email, delivering efficient front-office support.	

Projects

Somebody's Blog!

- Developed a **personal blog**, leveraging **Markdown**, **Rust**, and **GitHub Actions** for automation.

Weav

- Developed a **cross-platform frontend** with **TypeScript**, **React Native**, and **Redux**, fostering user experience.
- Built a scalable backend using **Python**, **Django**, **TypeScript** and **gRPC**, for efficient communication.

Spoken Languages

Italian	Native
English	Fluent, IELTS 7.5
Danish	Basic, (Work in progress)
Latin	Only reading

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, Matlab

Interests

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