

Carlo Rosso

Generics

- Copenhagen, DK
- Italian
- 01/11/2002
- “he/him”

Contacts

- carlorosso02@gmail.com
- daneginoo.github.io
- daneginoo
- carlo-rosso

Spoken Languages

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

Interests

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

Education

Master of Science in Computer Science Copenhagen, Denmark
UNIVERSITY OF COPENHAGEN 09/2024 - ongoing

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

Bachelor of Science in Computer Science Padua, Italy
UNIVERSITY OF PADUA 09/2021 - 09/2024

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

Exchange Student Vejle, Denmark
RØDKILDE GYMNASIUM 08/2019 - 05/2020

Professional Experience

Machine Learning Intern Padua (PD), Italy
UNIVERSITY OF PADUA 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 performance to **57.3%** with **LLMs (RoBERTa)** with token based representations.

Front Office Assistant Padua (PD), Italy
UNIVERSITY OF PADUA 08/2023 - 11/2023

- 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!

- Built an **automated blog** that converts **Markdown to HTML** with **Rust** and **GitHub Actions**.
- Designed a **CI/CD pipeline**, ensuring every post deploys blazingly fast—no manual work needed.

Weav

- Crafted a **sleek cross-platform app** with **TypeScript**, **React Native**, and **Redux**.
- Engineered a scalable backend using **Python**, **Django**, and **gRPC**.
- Redefined social interaction with “moments,” **driving engagement and connectivity**.

Easy Meal

- Full-stack app leveraging **Nest.js**, **Drizzle ORM**, and **Angular** for seamless dining experiences.
- Features: restaurant discovery, collaborative orders, and real-time order tracking for restaurateurs.
- Engineered with **Docker Compose** for fast and effortless deployment.

Skills

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