

TOMMASO AMICO

PhD Fellow in Computer Science

Passion for the scientific world, teamwork enthusiast

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in LinkedIn Projects Code Repository



EDUCATION

PhD in Computer Science

Aarhus University

Opt 2023 - Ongoing Aarhus (Denmark)

M.Sc. in Physics of Data

University of Padova

Opt 2021 - Sep 2023 Padova (PD)

Final Grade: 110/110 with honors

B.Sc. in Physics

University of Padova

Opt 2018 - Sept 2021 Padova (PD)

Final Grade: 103/110

High School Diploma

Liceo Scientifico - "G.Alessi"

Sept 2013 - July 2018 Perugia (PG)

Final Grade: 100/100

EXPERIENCE

Data Science Intern

Renewable Dispatching

July 2023 - October 2023 Vicenza (VI)

Sport Data Scientist

Biathlon Azzurro

July 2022 - Ongoing Remote

Intern

Eawag

March 2023 - Ongoing Remote

Internship focused on the development of the Master thesis project.

THESIS WORK

M.Sc. Final work: *Scaling laws in microbial growth*

Complex systems, numerical simulations

B.Sc. Final work: *The path integral and its applications on instanton solutions*

Theoretical Background, Quantum Physics

COMPETENCES

Technical Skills

VisualStudioCode LaTeX
Shell Scripting Spark Dask
Docker Jupyter Notebook
WordPress Kafka

Python ●●●●●●●●
R MySQL Haskell ●●●●●●●●
C++ ●●●●●●●●
VHDL ●●●●●●●●

LANGUAGES

Italian ●●●●●●●● Native Speaker
English ●●●●●●●● Proficiency Level
Danish ●●●●●●●● Beginner

INTERESTS

</> Coding
Data Science & Simulations
🚀 Sports
American Football, Biathlon, Cycling, Winter Sports
🔍 Enthusiast
Ski Rolls, Book Reading

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PUBLICATIONS



Estimation of the phase boundary of protein liquid-liquid phase separation using a log-normal model for the size distribution of protein droplets

T. Amico, M. Fuxreiter, A. Lazzari, A. Maritan, M. Vendruscolo
to be published

A study on the criticality of proteins, focusing on their droplet's phase and looking for a general model that describes their behaviour approaching the critical concentration.

AWARDS



Mille e una Lode

Based on merit awarded to the top 3% of the study course -
University of Padova - Year: 2022