

Filippo Barbieri

Master's Degree Student & Student Assistant

Driven by an innate curiosity, I am deeply passionate and constantly seek to expand my knowledge. This curiosity fuels my ongoing journey of exploration and learning, always pushing me to discover more.

✉ fb@filippobarbieri.it

📍 Odense, Denmark

🌐 [linkedin.com/in/filippo-barbieri-02](https://www.linkedin.com/in/filippo-barbieri-02)

☎ +39 345 881 4806

🌐 [filippobarbieri.it](https://www.filippobarbieri.it)

🐙 github.com/Barba02

EDUCATION

MSc in Quantum Computing

University of Southern Denmark

09/2025 - Present

Odense, Denmark

- Focused on both theoretical foundations and practical experience with programming real quantum hardware, covering coursework in quantum algorithms, quantum information theory, quantum cryptography, and fault-tolerant quantum computing.

BSc in Computer Science

University of Verona

10/2021 - 10/2024

Final grade: 110/110 cum laude

- Thesis work involved integrating WebAssembly evaluators into the Turing Arena Light project, which is available on [GitHub](#).
- Completed an **Erasmus semester** from February to July 2023 at the University of Las Palmas de Gran Canaria, within the Faculty of Data Science and Engineering.

WORK EXPERIENCE

Student Assistant

SDU eScience Center

12/2025 - Present

Odense, Denmark

National HPC provider

- Provided support for the UCloud platform, assisting users with answering questions, and guiding them to effectively use the platform's features.
- Carried out technical tasks, identifying and troubleshooting routine issues while ensuring problems were resolved efficiently and effectively.

Teacher

IIS G. Silva - M. Ricci

10/2024 - 06/2025

Legnago (VR), Italy

Technical High School

- Taught four first-year classes, introducing students to the fundamentals of information technology and helping them gain practical knowledge and skills in the subject.
- Created an engaging learning environment by motivating students with interactive teaching methods and efficiently managing lessons and activities.

Frontend web developer

NetStrategy

06/2019 - 09/2019

Cerea (VR), Italy

Digital marketing company established in the Italian market

- Built and redesigned websites, working with content management platforms to deliver functional and visually updated solutions.
- After an initial school-to-work placement, I was hired and continued working there until the beginning of the following school year.

SKILLS

Quantum algorithms

Qiskit

Complexity theory

Algorithms and data structures

C/C++

Python

Git

Databases

Web programming

SIDE EXPERIENCES

Consulta Giovani Cerea (05/2022 - Present)

- President (01/2025-present): Lead a 30-member youth council in Cerea (VR) - Italy, coordinating community events, managing volunteers, and fostering collaboration with local institutions to promote civic and cultural initiatives.
- Staff member (05/2022-12/2024): Assisted with planning, organizing, and coordinating the event "Follie Notturme", supporting various aspects of the preparation and execution.

Freelance (11/2021 - 08/2025)

- Worked as a freelance web developer, building custom websites and handling projects from client meetings to final deployment.
- Worked as a private tutor, supporting students in math, computer science, and physics while developing the ability to explain concepts clearly to learners of different ages and skill levels.

Competitive programming (11/2019 - 01/2024)

- I competed in two editions of the ICPC SWERC as a member of my university's teams at the University of Verona.
- Together with two colleagues and a PhD student, I contributed to reestablishing a competitive programming course at the university.

LANGUAGES

Italian

Native or Bilingual Proficiency

English

Full Professional Proficiency

Spanish

Full Professional Proficiency

Danish

Elementary Proficiency

INTERESTS

Gym

Drums

Aviation