

Sofia d'Atri

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EDUCATION

USI - Università della Svizzera Italiana | Bachelor of Science in Computer Science

Sep. 2021 - Present

Lugano, Switzerland

- Received scholarship from the Foundation for the Lugano faculties of the Università della Svizzera italiana for graduating from high school in 2021 with a cumulative grade point average of 100/100.
- Coordinated a 30-people team to develop a website. Took care of the design process of a mobile app.

Liceo Enrico Medi | Scientific High School Diploma

Sep. 2016 - June 2021

Villafranca VR, Italy

- Exam on "Classic Cryptography and Quantum Computing - RSA vs Shor's algorithm". Final grade: 100/100.

PROFESSIONAL EXPERIENCE

Invited talk - Introduction to Quantum Computing | *Liceo Enrico Medi, Villafranca VR*

Feb. 19th, 2022

- Invited to hold a lecture on Quantum Computing to high school students in their last year.

Curricular Internship

June 2019

Futura Sistemi | Sommacampagna, Italy

- Website development using WordPress.
- Team project on website debugging and development of an authentication system.

CERTIFICATIONS

Certificate of Quantum Excellence - Quantum Simulations | *Qiskit Global Summer School 2022* [\[link\]](#)

July 2022 - Aug. 2022

QSilver | *Womanium Global Quantum Computing & Entrepreneurship Program* [\[link\]](#)

July 2022 - Aug. 2022

QBronze | *Womanium Global Quantum Computing & Entrepreneurship Program* [\[link\]](#)

July 2022 - Aug. 2022

Quantum Computing Scholarship | *Womanium Global Quantum Computing & Entrepreneurship Program* [\[link\]](#)

July 2022 - Aug. 2022

Certificate of Quantum Excellence - Quantum Machine Learning | *Qiskit Global Summer School 2021* [\[link\]](#)

June 2021 - Aug. 2021

CyberChallenge.IT | *CINI National Cyber Security Laboratory* [\[link\]](#)

Feb. 2021 - June 2021

EXTRACURRICULAR ACTIVITIES

Qiskit Textbook Italian localization | *29.000+ words translated*

May 2022 - Today

Reply Code Challenge 2022 - Standard Edition

March 10th, 2022

- A 4 hours online team-based programming competition. Ranked at top 6%.

Italian Scratch Festival 2018 | *Dschola Association*

March 2018 - May 2018

- Developed a video game in Scratch based on the 13th goal of the 2030 Agenda. Ranked first place in Italy.

LANGUAGES

Italian mother tongue | **English** advanced - 2018 - Study week in England (Windsor) | **French** intermediate

SKILLS

Office suite | C# / Unity 2D | Game development | Spark AR | Linux | Web development | Python | Java | Cirq | Qiskit

INTERESTS

I started playing the piano in middle school and now I compose the music for the video games I program. Currently, I'm reading Dan Brown's *Deception Point* and Kumar's *Quantum*. I really enjoy learning new things and being able to teach them to others.