

# Sofia d'Atri

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## EDUCATION

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**USI - Università della Svizzera Italiana** | Bachelor of Science in Computer Science Sep. 2021 - Present  
Lugano, Switzerland

- Received **full tuition 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.

**Liceo Enrico Medi** | Scientific High School Diploma [github.com/cosmcif/esame-maturita](https://github.com/cosmcif/esame-maturita) 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

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**Data Management Stagiaire** | Kellerhals Carrard | Lugano, Switzerland Dec. 2022 - Present

- Created automated flows to improve productivity in the Tax department.
- Automated time-consuming tasks for the Administrative department with scripts.

**Content creator** | BeQuantum [www.linkedin.com/company/bequantum](https://www.linkedin.com/company/bequantum) Nov. 2022 - Present

- Post creation for BeQuantum's social media accounts.

**Web Developer - Curricular Internship** | Futura Sistemi | Sommacampagna, Italy June 2019

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

## PROJECTS

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**JourneyTales** [pufferfish.sa4.usi.ch](https://pufferfish.sa4.usi.ch) Mar. 2023 - Jun 2023

- Full-stack developer in a 12 person team to create a travel social media web application.
- Developed a responsive application with OAuth2, friendship features, and real-time notifications.
- Java Spring Boot, Vue, MongoDB, JUnit**

**HandShake** [handshakeapp.ch](https://handshakeapp.ch) Nov. 2022 - Dec. 2022

- Built an instant messaging web application in a group of 5 people with video calls, group chats and friends.
- Contributed to **backend** and **frontend** on features such as layout, stickers and led an **ad campaign**, including promo videos.
- Vue, vuetify, node.js, express.js, MongoDB, web sockets, material design, mocha, MEVN stack**

## INVITED TALKS

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**Quantum Computing Lectures and Conferences** Feb. 2022 - Mar. 2023

- "Quantum: il futuro è già qui?"** conference, Liceo Enrico Medi, Villafranca VR (Mar. 9, 2023): Basics, programming, and Q&A for non-expert audience.
- Introduction to Quantum Computing**, Liceo Marconi, Milano (Mar. 3, 2023): Theoretical lecture and programming labs.
- Quantum Computing**, Liceo Enrico Medi, Villafranca VR (Feb. 4-6, 2023): Theoretical lecture and programming labs.
- Quantum Computing**, Liceo Enrico Medi, Villafranca VR (Feb. 19, 2022): Theoretical lecture and programming labs.

## ACCOMPLISHMENTS

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**Junction 2023 Hackathon** | *Helsinki, Finland* [\[link\]](#) Nov. 2023

**Qiskit Localization Contributor - Platinum Level Translator - 2022** | [\[link\]](#) Nov. 2022

**Quantum Excellence - Quantum Simulations** | *Qiskit Global Summer School 2022* [\[link\]](#) July 2022 - Aug. 2022

**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

## LANGUAGES

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**Italian** mother tongue | **English** advanced | **French** intermediate