



Date of birth / 10/11/1999 Age / 23  
Place of birth / FASANO (BR)  
Nationality/ citizenship / Italy  
Via redipuglia, 13, 72016 FASANO (BR)  
ID/5430747 updated on 16/10/23

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## FOREIGN LANGUAGE SKILLS

MOTHER TONGUE(S): Italian



ENGLISH  
GOOD B2 B2 B2 B2 B2



## WORK EXPERIENCES

### Student visitors FERMILAB- SQMS DIVISION

BATAVIA (UNITED STATES OF AMERICA)  
03/2023 - TODAY

**Main activities and responsibilities:** Simulazione di qubit a superconduttore di tipo transmon  
**Acquired skills and achieved objectives:** Ho acquisito una maggiore consapevolezza nella gestione del tempo per rispettare le scadenze, ho acquisito competenze nell'esporre un progetto di ricerca ad un pubblico di professionisti. Ho anche imparato ad utilizzare tool specifici per le simulazioni elettromagnetiche come Ansys  
Employed as: intern/trainee - consulting/collaboration | Company sector: Engineering and design

### Tutor del corso di laurea triennale di ingegneria elettronica e delle telecomunicazioni

ALMA MATER STUDIORUM  
- UNIVERSITÀ DI BOLOGNA  
BOLOGNA (BO)  
01/2022 - TODAY

**Main activities and responsibilities:** Fornisco supporto agli studenti sulle modalità di accesso ai corsi, sullo svolgimento delle attività didattiche e per eventuali segnalazioni su aspetti logistici e organizzativi. Mi occupo anche di orientamento in uscita per gli studenti delle scuole superiori

I provide support to students on how to access courses, on carrying out teaching activities and for any reports on logistical and organizational aspects. I also do outward orientation for high school students  
Employed as: other - consulting/collaboration



## ACADEMIC STUDIES

### MASTER'S DEGREE 2021 - 2023



Alma Mater Studiorum - Università di Bologna  
Scuola di Ingegneria e Architettura  
**INGEGNERIA ELETTRONICA**

LM-29 - 2nd level degree in Electronic engineering  
Dissertation/thesis title: Modellistica e simulazione del tempo di decoerenza in qubit superconduttivi | Thesis supervisor: Elena Gnani  
Age at graduation: 23 | Official duration: 2 years  
Final degree mark: **110/110 cum laude**  
Graduation date: 14/10/2023

### BACHELOR'S DEGREE 2018 - 2021 CERTIFIED TITLE



Alma Mater Studiorum - Università di Bologna  
Scuola di Ingegneria e Architettura  
**INGEGNERIA ELETTRONICA E TELECOMUNICAZIONI**

specific field of the degree course: curriculum: elettronica  
L-8 - 1st level degree in Information technology  
Dissertation/thesis title: Soluzione di sistemi lineari con processore quantistico | Dissertation/thesis subject: ELETTRONICA T-1 | Thesis supervisor: GNANI ELENA  
Age at graduation: 21 | Official duration: 3 years  
Final degree mark: **110/110 cum laude**  
Graduation date: 20/07/2021

### SCIENTIFIC CERTIFICATE FASANO 2018

Scientific High School  
Leonardo Da Vinci, FASANO (BR)  
School-leaving examination mark: **100/100 cum laude**  
**Kind of secondary school diploma: Italian secondary school diploma**  
**Kind of secondary school attended: Public school**



## OTHER POSTGRADUATE STUDIES

2023

### Qiskit global summer school 2023

Qiskit

(United States of America Italia)

The Qiskit Global Summer School 2023 is a two-week intensive summer program designed to empower the quantum researchers and developers of tomorrow with the know-how to explore the world of quantum computing, as well as refresh and sharpen the industry professional's skills. This fourth-annual summer school will focus foundationally on quantum computing by taking a back-to-basics approach, with a look at making the transition from theory to implementation.

2022

### Summer school, physical sensing and processing

Alma Mater Studiorum - Università di Bologna

The Summer School is meant to introduce Master and PhD Students to the fundamentals of Quantum Sciences and Technologies from both a theoretical and an experimental perspective, with an interdisciplinary approach. Main lectures will cover the four pillars of Quantum Information, Simulation, Computation and Sensing



## INFORMATION TECHNOLOGY SKILLS

### OFFICE AUTOMATION

**Office Suite:** (Intermediate) | **Presentation Software:** (Intermediate) | **Spreadsheets:** (Foundation) | **Word Processors:** (Advanced)

### COMPUTER PROGRAMMING

**Programming languages:** (Advanced)

### SYSTEMS AND NETWORKS MANAGEMENT

**Network architecture:** (Foundation) | **Operating systems:** (Foundation)

### ICT CERTIFICATES

**Variational algorithm design IBM,** 2023

**Qiskit Global Summer School 2023- Quantum Excellence IBM,** 2023

**QSilver QWorld,** 2023



## PROFESSIONAL ACCOLADES AND AWARDS

### COMPETITION

2017

**Progetto N.E.R.D**

**Grading in list:** 2



## EVENTS / EXHIBITIONS

### WORKSHOP

2021

**Huawei Seeds for the future**