



JACOPO DE SANTIS

PERSONAL DETAILS

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| Nationality | Italian |
| Date of birth | October 4th, 1998 |
| Place of birth | Vittorio Veneto (TV), Italy |
| Languages | Italian, English (TOEFL 105/120) German (basic) |

EDUCATION

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| PERIOD | October 2017 — December 2020 | |
| DEGREE | Bachelor's in Physics | |
| GRADE | 110/110 cum Laude | |
| AVERAGE | 28.7/30 (GPA 3.91) | |
| UNIVERSITY | University of Trieste | Trieste (TS), Italy |
| As elective courses, I have taken experimental biophysics and elements of quantum optics. | | |
| My dissertation focused on three-pulse pump and probe spectroscopy of cuprates. I worked on the LabView interface of an infrared spectrometer under the supervision of Professor Daniele Fausti in his Q4Q laboratory at Elettra Sincrotrone Trieste facilities. | | |

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| PERIOD | July 20th 2020 — August 7th 2020 | |
| COURSE | Qiskit Online Global Summer School | |
| I have taken part to this summer school to approach the field of quantum technologies (in particular of quantum computation). | | |

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| PERIOD | October 2017 — October 2020 | |
| SCHOLARSHIP | Collegio Universitario Luciano Fonda | |
| TYPE | Merit-based | Trieste (TS), Italy |
| Thanks to this scholarship, I had the opportunity to follow extra courses in mathematics, chemistry and philosophy of science, as well as English classes. | | |

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| PERIOD | July 2017 | |
| DIPLOMA | High school Diploma (scientific studies) | |
| GRADE | 100/100 cum Laude | |
| INSTITUTE | M. Flaminio High School | Vittorio Veneto (TV), Italy |

WORK EXPERIENCE

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| PERIOD | October 2020 |
| ACTIVITY | Write a NLP algorithm for multilabel classification |
| COMPANY | Duckma srl Brescia (BS), Italy During this internship I put into practice the basic principles of machine learning that I have learned at university. |

EXTRACURRICULAR ACTIVITIES

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| PERIOD | September 2020 — Today |
| ACTIVITY | President of Trieste Local Committee of the Italian Association of Physics Students Our aim is to have an active role of support for the physics students of our university and to organize scientific divulgation activities. |

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| PERIOD | February 2020 — September 2020 |
| ACTIVITY | Trieste 2020 "Science Greeter" For this activity I studied the historical and scientific background of Trieste and as a group we realized a video to present to the public the Abdus Salam International Centre for Theoretical Physics, which is based in Trieste. |

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| PERIOD | September 2019 |
| ACTIVITY | Trieste Next Volunteer I volunteered to help in the organization of the annual scientific divulgation event held in Trieste. |

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| PERIOD | February 2019 — September 2019 |
| ACTIVITY | Contamination Lab I have taken part to seminars and courses on entrepreneurship (business model canvas, business planning, innovation, public speaking) organized by the University of Trieste. |

TECHNICAL ABILITIES

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| Programming languages | Fortran, Python, JavaScript |
| Lab experience | Electrical circuits (basic), optics |
| Software and tools | L ^A T _E X, Qiskit, Labview |

COMPETITIONS

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| 2010 and 2011 | National Finalist of MATEpristem mathematical games |
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