LUCA SORIANI

JUNIOR SOFTWARE DEVELOPER

PROFILE

I am attending a master's degree in Physics of Matter at the University of Padua. I have studied many programming languages to deal with university projects and exams. My passion is Quantum Information & Computation.

INFORMATION

Nationality: Italian
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CERTIFICATES

Google
- Associate Cloud Engineer (October 2022)

Formatemp
- Google Cloud Academy (July 2022)
- Fullstack Academy (May 2022)

FreeCodeCamp
- Data Analysis with Python (July 2022)
- Scientific Computation with Python (April 2022)
- Machine Learning with Python (March 2022)

EDUCATIONS

Università degli Studi di Padova
- Attending Master degree in Physics of Matter
  - Field of study: Quantum Computation
- Bachelor degree in Physics
  - Thesis in Quantum Computation: "Ultracold Atoms trapped in Optical Lattice"

HARD SKILLS

- **Skills:** Python, Java, HTML, CSS, Javascript
- **Framework:** Django, Bootstrap
- **Database:** PostgreSQL
- **Cloud:** Google Cloud Platform
- **GCP services:** Bigquery, Cloud function, Cloud Scheduler, Pub/sub, Cloud Composer, Dataflow
- **Python:** Tensorflow, PyTorch, OpenCV, Pandas, NumPy, Seaborn
- **Programming paradigm:** Object Oriented Programming (OOP)
- **Others:** Git, Terraform

EXPERIENCE

Cloud Engineer
- **Accenture (July 2022)**
  - Data analysis using Google BigQuery
  - Integration of Airflow Apache pipeline
  - Development of Apache Beam pipeline
  - Used services such as Bigquery, Cloud function, Cloud Scheduler, Pub/sub and Cloud Composer
  - Use of Git, Bitbucket and Terraform to manage the project
  - Writing and submitting documentation for services provided

LANGUAGE SKILLS

Native: Italian
Other: English (C1)

HOBBIES

In my free time, I like to read and inform myself about the world of physics and new technologies. Currently, I'm self-taught to learn to implement the Qiskit library in Python. I like to travel.

PERSONAL PROJECTS PYTHON

- **Integrated voice assistant with NLP and Speaker Identification**
- **Air Canva integrated with handwriting recognition**