ARIANNA CANTARELLA

Date of birth 21/04/1998 | ☎ +39 3472832818

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⌖ github.com/AriannaCantarella | ⦿ Parma, Italy

EDUCATION AND TRAINING

Master's Degree in Condensed Matter Physics
University of Parma

📅 Oct 2020 - Current | ⦿ Parma, Italy

Specialized in **magnetic materials**, their properties and experimental techniques to investigate them.
Oriented to theoretical models and numerical simulations (especially with MATLAB package) to understand properties of states of matter.

Bachelor's Degree in Physics
100/110
University of Parma

📅 Sept 2017-Oct 2020 | ⦿ Parma, Italy

Thesis title: simulations and tests of a device based on Hesuler Alloys for the conversion of thermomagnetic energy into electrical energy.

High School Diploma
90/100
Liceo Scientifico G. Marconi

📅 2012-2017 | ⦿ Parma, Italy

LANGUAGE SKILLS

Italian (mother tongue)   ●●●●●

English (First Certificate qualification)   ●●●●○

French   ●●○○○

DIGITAL SKILLS

Proficient user of MATLAB
Python for statistic, Machine learning, TensorFlow, Google Colab
Quantum ESPRESSO for DFT calculations
Proficient user of Latex / Microsoft Office

WORK EXPERIENCE

STEM tutor
University of Parma

📅 1/02/2021-1/03/2021 | ⦿ Parma, Italy

Private lessons

📅 2017-Current | ⦿ Parma, Italy

CIBUS hostess

📅 2018-Current | ⦿ Parma, Italy