# Alessandro Varsi

📍 **Home** : Varese, Italy

✉ **Email:** varsialessandro@gmail.com   🌐 **Website:** https://github.com/alevarsi

**Date of birth:** 19 Apr 2002   **Nationality:** Italian

## WORK EXPERIENCE

[ May 2023 – Jul 2023 ]

### Library assistant

***University of Milano-Bicocca***

**City:** Milan

**Country:** Italy

I assisted the librarian in the day-to-day activities of the library. I learned how to use the "WorldShare Management Services" (WMS) platform.

[ 2018 – Current ]

### Students tutoring

I assist high school students and undergraduate economy students with Maths, Physics and Chemistry.

## EDUCATION AND TRAINING

[ Sep 2021 – Current ]

### Bachelor's Degree in Physics

***University of Milano-Bicocca***

**City:** Milan

**Country:** Italy

I'm in my 3rd and last year of the Bachelor's and I expect to graduate in September 2024. The exams I took so far are the following (every grade is out of 30):

1st year

Linear Algebra & Geometry, 8 CFU - 30L
Calculus I, 12 CFU - 24
Physics I, 16 CFU - 30L
Physics Lab I, 8 CFU - 30
Programming I, 4 CFU - 29

2nd year

Calculus II, 12 CFU - 30L
Physics II, 14 CFU - 30L
Physics III, 6 CFU - 30L
Programming II & Statistics, 6 CFU - 30L
Physics Lab II, 6 CFU - 30L
Mathematics for Physicists, 8 CFU - 30L
Classical Mechanics, 8 CFU - 30

[ 4 Sep 2023 – 7 Sep 2023 ]

### Unimib Physics Hackathon 2023

***University of Milano-Bicocca***

**City:** Milan

**Country:** Italy

I worked with a colleague in order to develop techniques to measure an important physical constant in a different way than the one we were used to in our 1st year. I used Arduino and its IDE to control a series of Laser Proximity Sensors, which were implemented in the experimental setup by 3D printer-made stands. I even had the chance to work with Ultrasound Distance Sensors.

**[ Sep 2016 – Jul 2021 ]** **High School Scientific Diploma**

*Liceo Scientifico "G. Ferraris"*

**City:** Varese
**Country:** Italy
**Final grade:** 100/100
**Thesis:** Differential equations in Electromagnetism and Quantum Mechanics.

## LANGUAGE SKILLS

**Mother tongue(s):** Italian

**Other language(s):**

### English

**LISTENING** B2  **READING** C1  **WRITING** B2

**SPOKEN PRODUCTION** B2  **SPOKEN INTERACTION** B2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## DIGITAL SKILLS

**Programming**
Arduino IDE  |  Python  |  Root library for data analysis  |  C/C++
**Operating systems**
macOS  |  Windows  |  Linux (Terminal Commands, Bash/Shell)
**Other useful softwares (data analysis programs, text editors...)**
Microsoft Office  |  LaTeX
**Electronics & Sensors**
Ultrasound Distance Sensor  |  Laser Proximity Sensor  |  Arduino