# Curriculum vitae

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| PERSONAL INFORMATION | **Volodymyr Klavdiienko** |

    📍 st. Academician Zabolotny, 148, 02000 Kiev (Ukraine)

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    ✉ klavdiienko.volodymyr@gmail.com

Sex Male | Date of birth 9 Feb 1995 | Nationality Ukrainian

**STUDIES APPLIED FOR**  PhD Nuclear Physics

## WORK EXPERIENCE

### Analysis of data in high-energy and nuclear physics

- Lepton Physics Department Institute for Nuclear Research of the National Academy of Sciences of Ukraine
- Research decay scheme of Vanadium 50
- Study double beta decay of 106Cd
- Creation of muon counters based on polymethacrylate plastic scintillators.
- Work with data of Tevatron (D0), DESY (ZEUS), DUNA (WA105) and Hades experiments.
- Knowledge in the design and programming of robots.
- Microcontroller programming
- Work with lathes on stepper motors and 3D printers.

**1 Jul 2019**  ### Engineer
Institute of nuclear research, Kyiv (Ukraine)

- analysing data of nuclear process
- design of detectors for nuclear research

## EDUCATION AND TRAINING

**Jun 2017**  ### Bachelor Degree in High Energy Physics
Taras Shevchenko National University of Kyiv, Kyiv (Ukraine)

- Analysis of data in high energy physics
- Nuclear Physics
- Quantum Mechanics
- Relativistic Quantum Mechanics
- Electodynamics
- Modeling the passage of charged particles through matter
- Problems searching for dark matter
- Nonlinear Physics and Synergetics.
- Machine learning
- Neutrino physics
- Mathematical analysis
- Object-oriented programming in Hight Energy Physics
- Programming, mathematical modeling
- Analytical geometry and linear algebra
- Probability theory

- Fundamentals of vector and tensor analysis
- Statistical physics
- Differential and integral equations

| 2019–Present | PhD Student of nuclear physics in Lepton Physics Department Institute for Nuclear Research of the National Academy of Sciences of Ukraine |

## PERSONAL SKILLS

| Mother tongue(s) | Ukrainian |

**Foreign language(s)**

| UNDERSTANDING | | SPEAKING | | WRITING |
|---|---|---|---|---|
| Listening | Reading | Spoken interaction | Spoken production | |
| B2 | B2 | B2 | B2 | B2 |
| A1 | A1 | A1 | A1 | A1 |

English — B2 / German — A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

**Job-related skills**

- Good knowledge of c++.
- Data analysing.
- Average knowledge of Python and MathLab
- Ability to find common language in the team
- Leadership in event organisation
- Great experience in organizing events

**Digital skills**

| SELF-ASSESSMENT | | | | |
|---|---|---|---|---|
| Information processing | Communication | Content creation | Safety | Problem-solving |
| Independent user | Proficient user | Independent user | Independent user | Proficient user |

Digital skills - Self-assessment grid

- Good command of microsoft office suite
- Good command of photo, video and music editing software