

## CURRICULUM VITAE

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**Languages:** Ukrainian, Russian, English(C1)  
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### **Education:**

#### **Undergraduate:**

09.2020-present: V.N. Karazin Kharkiv National University, Kharkiv (Ukraine),  
Education and Research Institute: School of Physics and Technology,  
O. I. Akhiezer Department for nuclear physics and high energy physics.

Now: 4th-year student.

Degree expected: Bachelor in Physics (expected date of this: 06.2024)

#### **School:**

06.2020: graduated from Kharkiv specialized school stages I-III №62, Kharkiv region (Ukraine).

### **Research work:**

Currently, under the supervision of Prof. S.N. Shevchenko in B. Verkin Institute for Low Temperature Physics and Engineering, I am enrolled in the research work on the topic: quantum capacitance and inductance of qubit-based systems.

Preliminary results of our work are going to be published in the Proceedings and reported at III International Conference “Condensed Matter and Low Temperature Physics 2023”, ILTPE, Kharkiv:

O.Yu. Kitsenko and S.N. Shevchenko, Quantum capacitance and inductance of qubit-based systems.

### **Other experience:**

-Programming experience in Wolfram Mathematica, COMSOL Multiphysics, C, Python.

### **Achievements:**

02.2023: second place in the Ukrainian Physicists' Tournament (Igor Sikorsky Kyiv Polytechnic Institute, Ukraine)

07.2021: third place in the International Physicists' Tournament (University of Warsaw, <https://2021.iptnet.info/>)

05.2021: First-rank diploma at the V. N. Karazin University Student Olympiad in mathematics