

# Mikhail Serebryakov

## DL Engineer |

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Current Location : Nizhny Novgorod, Russia

Born on July 29, 2001 (21 years old)



Laboratory research assistant at IAP RAS, I have a short experience of developing high-load multithread systems and computer optimisation. I am now a first-time researcher in high-energy plasma physics and QED (quantum electrodynamics) and still passionate about my profession and the new science and technologies in general. Particularly interested in DL and classical ML as tools for my job and life simplification. I wish to pursue my career in science and improve programming skills.

## Skill

**Programming languages :** Python3, C++, Rust  
**«Scientific» libraries :** SciPy, NumPy, Pandas  
**Layout :**  $\text{\LaTeX}$   
**Accessory Tools :** git, Doxygen, Sourcetrail  
**Visualization :** Gimp, Darktable, Matplotlib, Plotly  
**Others :** English B2

## Professional Experience

June 2021	Laboratory Research Assistant, Institute of Applied Physics of the Russian Academy of Sciences, Sector of Ultrafast Optical Processes Modeling
Present time	<ul style="list-style-type: none"><li>&gt; Developing PIC code QUILL</li><li>&gt; Scientific visualizations creating</li><li>&gt; Developing theory of QED cascades</li></ul>

Python C++ Rust Zig Scala  $\text{\LaTeX}$

## Education

2023 Bachelor of Science (BSC), Lobachevsky State University, Advanced School of General and Applied Physics

## References and links

References will be provided upon request. Profile at ResearchGate.