

# Vyacheslav Fedorov | Python developer

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Novosibirsk, Russia | 28 April 1998  
EMAIL AND PHONE: [fuodorov1998@gmail.com](mailto:fuodorov1998@gmail.com) | +7 960 7924340  
WEBSITE: [fuodorov.github.io](https://fuodorov.github.io)

## WORK EXPERIENCE

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CURRENT | Student in YANDEX, Novosibirsk  
SEP 2020 | *Development in Python and Django.*  
Bloggers' social network training project [yatube](#) developed, with an [API](#) for it. [Yatube](#) - a training project as part of python-developer course. Studied at a high level of OOP, Databases and SQL, Git, Python, Django.

CURRENT | Software engineer in BINP, Novosibirsk  
SEP 2018 | *Transportation of a high-current electron beam in LIA-20*  
The paper "[High-current electron beam transport in the LIA-5 linear induction accelerator](#)" is published. Two Python libraries ([kenv](#) and [redpic](#)) for modelling high-current electron beams in linear accelerators are published. The [kenv](#) library has gained recognition in Europe by foreign colleagues.  
Improved Python programming skills. Selected Jupiter notebooks for Data Science. Gained knowledge of electron beam dynamics in linear accelerators.

SEP 2018 | Laboratory assistant in NSU, Novosibirsk  
SEP 2017 | *Creating an IR horizon sensor for an ultra-small spacecraft*  
A [report](#) is presented on the possibility of creating an IR horizon sensor for an ultra-small spacecraft, in particular, a sample of an IR horizon sensor and a test bench are made, test software for an IR sensor is written, and successful tests have been carried out on a test bench. A successful [launch](#) takes place in 2020.  
Learned to work in a development team with Git, acquired programming skills in Python and C++. Gained knowledge about orientation systems and radiation protection of spacecraft.

## EDUCATION

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CURRENT | School of Data Analysis, **Yandex**, Moscow  
SEP 2020 | Progress: 1/2 course | Major: Python Developer

CURRENT | Engineer student, **ITMO University**, St. Petersburg  
SEP 2020 | Progress: 1/6 course | Major: Opto-electronic devices and systems

JULY 2020 | Physics student, **Novosibirsk State University**, Novosibirsk  
SEP 2016 | Progress: 3/4 course | Major: Physics of accelerators  
GPA: 4.84/5

## COMPUTER SKILLS

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Basic Knowledge: Git, LINUX, C, C++, SQL, HTML, CSS, JS,  $\text{\LaTeX}$   
Advanced Knowledge: Python