

# Mykola Horian

Software Engineer

## Interest

- Machine Learning, Deep Learning
- Compiler Research
- Web Development and Design

## Education

2015-2020 **Bachelor of Science**, *Moscow Institute of Physics and Technology (State University)*, Moscow, Russia, GPA - 3.5.

**Applied Mathematics and Physics**

### Courses

2021 **Java Basic Course**, *Computer Science Center*, [stepik.org](https://stepik.org/).

2020 **The Art of Software Development using C++**, *Yandex and MIPT*, [coursera.org](https://coursera.org/), 5-course specialization.

2020 **Introduction to Git and Github**, *Google*, [coursera.org](https://coursera.org/).

2018 **Supervised Learning**, *Yandex and MIPT*, [coursera.org](https://coursera.org/).

2018 **Mathematics and Python for Data Analysis**, *Yandex and MIPT*, [coursera.org](https://coursera.org/).

## Experience

2018-2020 **Internship**, *Institute for System Programming*, Moscow.

Worked on the development of detectors that are aimed at finding defects in software in the Kotlin programming language. Static code analysis was chosen as an approach for the implementation of detectors. Using the Kotlin compiler tools, a set of detectors was implemented. (topic of my Bachelor's Thesis).

## Computer skills

PL	Java, Kotlin, C++, Python	Type Setting	LaTeX, Microsoft Office
Familiar With	Machine Learning, Numpy, Matplotlib, Panda, Sclearn	OS	Linux, Unix, Microsoft Windows
IDE	Vim, Eclipse, IntelliJ IDEA, Xcode	Database	MySQL
Math	Algorithms, Data Structures		

## Languages

Russian:	First Language	(Strong writing skills)
Ukrainian:	First Language	(Strong writing skills)
English:		(B2 Cambridge Certificate)
German:		(B2)

---

## Non academic

2019-2023 **Bachelor of Science**, *University of Music and Performing Arts, Vienna, Austria.*  
**Opera singing**