

# Mikhail Chernyavsky

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## Skills

**Programming** Java, Kotlin, Python, C++, Haskell, Bash, PL/SQL  
**Tools** git, IntelliJ IDEA, LaTeX  
**Languages** English, Russian

## Education

### St. Petersburg Academic University of Russian Academy of Sciences

M.S. IN APPLIED MATHEMATICS AND PHYSICS

- Higher Education Centre, Department of Mathematics and Information Technology

*Saint Petersburg, Russia*

*September 2016 - PRESENT*

### ITMO University

B.S. IN SOFTWARE ENGINEERING

- Faculty of Software Engineering and Computer Systems, Department of Computation Technologies.

*Saint Petersburg, Russia*

*September 2012 - June 2016*

### Computer Science Center

ADDITIONAL EDUCATION

- Algorithms and Data Structures, Functional Programming, Image Processing, and other courses.

*Saint Petersburg, Russia*

*September 2014 - June 2016*

## Experience

### JetBrains

SOFTWARE ENGINEER INTERN

- Worked on plugin that implements Vclang support in IntelliJ IDEA and other IntelliJ-based products.

*Saint Petersburg, Russia*

*Jul. 2017 - Aug. 2017*

### JetBrains

SOFTWARE ENGINEER INTERN

- Implemented Ruby Type Tracker – a gem to attach to Ruby processes and trace and intercept all method calls to log type-wise data flow in runtime.
- Developed code analysis clients (a RubyMine/IJ+Ruby plugin) that uses the collected type information to provide features for the users such as code completion, better resolution, etc.

*Saint Petersburg, Russia*

*Jul. 2016 - Aug. 2016*

### Acronis

SOFTWARE ENGINEER INTERN

- Developed the Deduplication Datastore Index Service and testing clients.

*Saint Petersburg, Russia*

*Jul. 2015 - Aug. 2015*

## Projects

- Automatic recognition of the brand and model of the car**. Image classification system that predicts the brand and model of the car on the images obtained from speed cameras.
- KotlinCheck**. Property-based testing framework, QuickCheck implementation for Kotlin.

## Extracurricular Activity

### St. Petersburg Academic University of the Russian Academy of Sciences

TEACHER ASSISTANT

- Introduction to UNIX course
- Python Programming course

*Saint Petersburg, Russia*

*Sep. 2017 - PRESENT*

## Other

- Online courses at **Coursera**: Cryptography I, Functional Programming Principles in Scala, Modern Combinatorics, Graph Theory.
- Online courses at **Stepik**: Algorithms and Data Structures, C++ Programming, Introduction to Computer Architecture. Elements of Operating Systems, Python Programming.