

# Alexey Kulikov

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## EDUCATION

### MOSCOW INSTITUTE OF PHYSICS & TECHNOLOGY

MS IN APPLIED MATHEMATICS & COMPUTER SCIENCE

Expected July 2020 | Moscow, Russia

BS IN APPLIED MATHEMATICS & COMPUTER SCIENCE

Grad. July 2017 | Moscow, Russia

GPA: 3.4/4.0

#### BACHELOR THESIS

Subject: N-gram models applied to OCR error correction in Japanese

#### COURSEWORK

Algorithms & Data Structures • Computational Linguistics • Theory of Computation • Discrete Analysis • Linear Algebra • Machine Learning • Formal Languages & Compilers • Project Management

## SKILLS

### PROGRAMMING LANGUAGES & TECHNOLOGIES

Recent experience:

APIs • C/C++ • ELK • Flask • Git • Javascript • Keras •  $\LaTeX$  • MongoDB • .Net • NLTK • Powershell • Python • Pytorch • Redis • SQL • Teamcity • Tensorflow • Unix

But also:

Django • Doxygen • Hadoop • Powershell • R • Pytest • Scrapy • Scrum • x86Asm

### HUMAN LANGUAGES

Russian (native) • English (fluent) • French (intermediate, DELF B1 diploma, participant of All-Russian Olympiad Finals) • Deutsch, Spanish (beginner)

## INTERESTS

### LINGUISTICS

Student of MIPT Computational Linguistics department since 2015.

### TEACHING

Teaching experience since 2012. Several courses in Maths and CS. Dozens of school contests in Math and Physics: checking solutions, organizational activities.

## EXPERIENCE

### YANDEX | SOFTWARE ENGINEER AT YANDEX.TAXI

Since June 2018 | Moscow, Russia

- Built the backend part for [se-ve-ral](#) projects;
- Developing the core backend of Yandex.Taxi (geo team).

### MIPT | TEACHING ASSISTANT (PYTHON, COMPILER THEORY)

Since September 2017 | Moscow, Russia

### ABBY

JUNIOR SOFTWARE ENGINEER

February 2017 – June 2018 | Moscow, Russia

- Improved performance of linguistic domain model compiler by 5x;
- Implemented several major features in the internal linguistic software.

### KNOWLEDGE ENGINEER

June 2016 – February 2017 | Moscow, Russia

- Resolved over 100 issues on information extraction;
- Successfully deployed 2 proof-of-concept projects.

### «INTELLECTUAL» BOARDING SCHOOL

TEACHING ASSISTANT (FORMAL LANGUAGES, ADVANCED MATH, ORIGAMI)

September 2013 – June 2017 | Moscow, Russia

## PROJECTS

### COMETOGATHER PYTHON DEVELOPER

October 2018, HackUPC | [cometogather.pythonanywhere.com](https://cometogather.pythonanywhere.com)

- Collected flights data with Skyscanner API and visualized it with Leaflet.

### BLOCKED.HERE PYTHON DEVELOPER

April 2018, Hack.Moscow – June 2018 | [blockedhere.pythonanywhere.com](https://blockedhere.pythonanywhere.com)

- Implemented automatic data updates and IP resolving.

### ABBY REDACTION PROJECT MANAGER, C# DEVELOPER

February 2017 – February 2018 | [redaction.ai](https://redaction.ai)

- Led a team of 9 MIPT students;
- Designed the architecture of the solution;
- Developed the Redaction MS Word plugin.

### JULES VERNE TRILOGY VISUALIZATION PYTHON DEVELOPER

February 2016 – June 2016 | [julesvernetrilogy.com](https://julesvernetrilogy.com)

- Led the Compreno InfoExtraction team (backend);
- Integrated the project with the ABBYY Compreno technology.

## AWARDS

- 2018 Hack.Moscow 2.0, Reg.ru track
- 2018 Hack.Moscow, Roskomsvoboda track
- 2018 Whatever Hack by OpenDataScience, 4th / 25 teams
- 2017 MLH Local Hack Day, TimePad.ru track
- 2017 1st ICO Lab Hackathon, 2nd prize
- 2013 All-Russian Internet Olympiad in Physics, 3rd / 1500 participants