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

Comfortable with:
C/C++ • Python • Unix • Git
Basic knowledge:
x86 Asm · Javascript · Django · R · OpenMP/MPI · Hadoop · MS SQL Server · Valgrind · LaTeX · Scrum · Doxygen · Powershell · .Net · MongoDB · Redis

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
- Enhancing the backend of Yandex.Taxi.

MIPT | Teaching Assistant (Python, Compiler theory)
Since September 2017 | Moscow, Russia

ABBYY | 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.

ABBYY | 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

BLOCKED.HERE Python Developer
April 2018 – June 2018 | blockedhere.pythonanywhere.com
- Implemented backend features (automatic updates, IP resolving).

ABBYY REDACTION Project Manager, C# Developer
February 2017 – February 2018 | redaction.ai
- Led a team of 9 MIPT students;
- Designed the architecture of the solution;
- Developed the Redaction MS Word plugin.

JIVE COMPILER C++ Developer
September 2016 – May 2017 | MIPT
- Implemented a parser for the MiniJava language using the flex-bison toolchain;
- Developed AST and IRT generators.

JULES VERNE TRILOGY VISUALIZATION Python Developer
February 2016 – June 2016 | julesvernetrilogy.com
- Led the Compreno InfoExtraction team;
- Integrated the project with the ABBYY Compreno technology.

AWARDS

Year	Result	Event
2018	Winner (Roskomsvoboda track)	Hack.Moscow
2018	Winner (4th / 25)	Whatever Hack by OpenDataScience
2017	Winner (TimePad.ru track)	MLH Local Hack Day
2017	Winner (2nd prize)	1st ICO Lab Hackathon
2013	Winner (3rd / 1500)	All-Russian Internet Olympiad in Physics