Alexey Kulikov

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EDUCATION

MOSCOW INSTITUTE OF PHYSICS & TECHNOLOGY

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** · Keras · LaTeX · MongoDB · NLTK · **Python** · Pytorch · Redis · Rust · SQL · Tensorflow · **Unix**
But also:
Django · Doxygen · Hadoop · Powershell · R · Pytest · Scrapy · Swagger · x86Asm

HUMAN LANGUAGES

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

INTERESTS

LINGUISTICS

Studied different topics of computational and theoretical linguistics, including information extraction, corpus linguistics, deep learning based NLP etc.

TEACHING

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

EXPERIENCE

FACEBOOK | Software Engineer Intern

July 2019 – October 2019 | Python2/3, C++14, MySQL | London, UK
- Designed and implemented a snapshot extension for Mercurial.

YANDEX.TAXI | Software Engineer

June 2018 – July 2019 | C++14, Python2, MongoDB | Moscow, Russia
- Implemented the whole backend of the award-winning New Year's promotion;
- Refactored a major part of the core backend, gaining 2x performance boost;
- Supervised new members of the team.

MIPT | Teaching Assistant | Python (LECTURES), Compiler theory

September 2017 – June 2019 | Moscow, Russia

ABBYY

Junior Software Engineer
February 2017 – June 2018 | C++03, MS SQL Server | 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.

PROJECTS

DATAFACE | Python Developer

November 2019, Junction | Github repo
- Assembled the hardware part of the project and worked on the UI.

COME2GATHER | Python Developer

October 2018, HackUPC | come2gather.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
- Implemented automatic data updates and IP resolving.

JULES VERNE TRILOGY VISUALIZATION | Python Developer

February 2016 – June 2016 | julesvernetrilogy.com
- Implemented an information extraction pipeline based on ABBYY Compreno.

AWARDS

2019	JunctionXBudapest, Nokia track
2018	Hack.Moscow 2.0, overall top-10
2018	Hack.Moscow, special prize from Roskomsvoboda, overall top-10
2018	Whatever Hack by OpenDataScience, 4th / 25 teams
2017	MLH Local Hack Day, TimePad track winner
2013	All-Russian Internet Olympiad in Physics, 3rd / 1500 participants