Aleksandr Ilin

Personal Information

Date of Birth:	December 23, 1992
Address:	Saint-Petersburg, Russia
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Technical Skills

Programming Languages:	Python3, C++, {z,ba}sh
Python Frameworks:	Django, DRF, Flask, SQLAlchemy, scipy, pandas, sklearn
OS:	Linux
VCS:	Git, SVN
Other:	Git-Flow, Docker, Design Patterns, UML, Scrum, Kanban

Work Experience

Jun 2016 -
Present

2 year

Programmer
Luxoft, Saint-Petersburg, www.luxoft.com

Leading a small project team (3 developers, 1 QA).
Managing a project for the test automation framework development.
Communication with the customer, scrum planning.
Building a complicated distributed system: researches, implementation.

Redesigned existing solution:
* reworked the system architecture;
* optimized test algorithms;
* integrated best deploying practices;
* migrated from SVN to Git;
* set up the development infrastructure and VCS usage best practises.

Stack: Python3.5, Django, DRF, Celery, RabbitMQ/Redis, PostgreSQL, bash, Ubuntu16+, Docker, Git, SVN.

Dec 2015 -
May 2016

6 months

Scientific Programmer
Navmii, Saint-Petersburg, www.navmii.com

Researches of the neural network models and ML algorithms for the classification of road signs and cars, based on the real-time visual content.
* Developing ML algorithms.
* Analysing ML algorithms working results.
* Reporting researches and results points.
* Proposing the new approaches to try.
* Improving and optimising algorithms and data sets.

ETL, feature selection, feature engineering, developing and implementation of ML algorithms.
Developed several utilities on python for data preprocessing (adding noise, statistics collection, visualization, etc).

Aug - Dec 2015
5 months

Python Developer
Тензор, ООО, Yaroslavl, www.tensor.ru

Taked a participation in buidling a complicated distributed system for the interaction of business processes, documents and business participants through a one communication network.

Taked a participation in designing and development of a subsystem of user notifications via various channels (e.g. sms, email, push).
* implemented and refactored backend (C++, PostgreSQL, Python)
* optimized database structure;
* support of messages transformation algorithms (xslt);
* frontend logic support (JS);
* provided system support.

Jan - Mar 2013
3 months

Erlang Intern
LiveTex, Saint-Petersburg, www.livetex.ru

Implemented unit tests for the SIP protocol messaging module. Detection and covering non-trivial cases.

LANGUAGES

Russian:	Mothertongue	
English[1]:	Listening	C1
	Reading	C1
	Spoken interaction	B1
	Spoken production	B1
	Writing	B1

EDUCATION

June, 2018:	Master, **ITMO University**, Saint-Petersburg
	Major: High Performance Computing

June, 2015:	Specialists, **ITMO University**, Saint-Petersburg
	Major: Information Systems and Technologies

PERSONAL DETAILS

Purposeful, hardworking, curious. I prefer to work taking care of my code and keeping it clean.
A python developer, also familiar and working with: c++, bash, lua, js, sql.
I like the following principles: Unix way, The Zen of Python, ABC, KISS.
An advanced user of linux-systems. (not having deep knowledge, but can gladly solve a problem if having enough time).
Having an experience in ML/DL/CV/Agent Modeling.

Github profile: github.com/cjcjcj

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[1]Self-assessment. Common European Framework of Reference(CEF) level