

Shliakhtin Sergei

Male, 32 years, born on 6 June 1985

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job@sergeis.com

Reside in: Saint Petersburg
Citizenship: Russia, work permit at: Russia
Ready to relocate, ready for rare business trips

Desired position and salary

Senior Python/ML/C++ Developer

IT, Internet, Telecom

- Software Development

Employment: full time, part time, project work

Work schedule: remote working

Desired travel time to work: any

Work experience — 11 years 6 months

January 2017 — till
now
9 months

Sergei S

sergeis.com

Senior Software Engineer

Technologies: Python 3.0, TensorFlow, sklearn, numpy, Octave/MATLAB, pyqtgraph, pandas, bash, caffe, OpenFace, docker, GIT

- 1 Developed human facial attractiveness estimator with CNN
- 2 Developed Cycle Time prediction system for ergotech.com (gets wafer batch parameters in online mode, predicts processing time)
- 3 Accomplished Andrew Ng's Machine Learning Stanford University online course

December 2015 —
December 2016
1 year 1 month

Sergei S

sergeis.com

Senior Software Engineer

Technologies: Python 3.0. Python 2.7, Scrapy, Django, Celery, RABBITMQ, HTTP/CSS, XSLT, XML, regex, youtube-dl, ffmpeg, livestreamer, Selenium, GIT, Firebug

Activities: working on both corporate and private customers (english-speaking only). Full project lifecycle from task formulation to post-release support.

Python design and development. Web scraping. Scrapy framework development. Server-side development.

Major tasks accomplished:

- Multiprocessed HTTP proxy server;
- Scrapy-based crawlers able to extract and download large arrays data including videos; Video streaming;
- Automated scraping system, collecting people's employment information, storing changes in PostgreSQL DB, showing in Django frontend

March 2015 —
February 2016
1 year

Interactive Brokers

Saint Petersburg, interactivebrokers.com

Senior Software Engineer

Technologies: C++, OOD, STL, CVS, bash, make, XML, vim

Activity: design, formulation of the problem, task decomposition, development, bug-fixing, code review, refactoring, optimization, unit and functional tests

Tasks accomplished:

- XML filtering engine for algorithmic trading;
- new layer of network protocol, allowing to override channel limitations;

March 2013 —
March 2015
2 years 1 month

ЗАО ПКБ РИО (RIO Design Office)

Saint Petersburg, pkb-rio.com

Senior Software Engineer C++ (Linux)

Technologies: C++, OOD, Qt, STL, GIT, bash, qmake, squish, SQL, XML, multithreading, RegExp

Activity: design, formulation of the problem, guidance, task decomposition, development, bug-fixing, code review, refactoring, optimization, unit and functional tests, working at customer site

Tasks accomplished:

- 1) Application plugin system
- 2) UPD/TCP icq-like messenger application (QtNetwork, QtGui)
- 3) Complex GUI with the underlying data models: hardware manipulation engines (QtCore, QtGui), data visualization (QCustomPlot)
- 4) Serial communication layer (QtSerialPort, QextSerialPort, POSIX)
- 5) Xml trees subtraction (QtXml)

August 2012 —
February 2013
7 months

Транзас Морские Технологии (Transas Marine Technologies)

Saint Petersburg, transas.ru

Software Developer, C++ (Linux, embedded)

Activity: design, development, bug-fixing, formulation of the problem, code review

Technologies: C++, Qt, STL, GIT, bash, buildroot

Tasks accomplished:

- 1) Application subsystem for setting up the network of MOXA devices via ethernet (QtGui, QtNetwork, HTTP)
- 2) POSIX client-server TCP application
- 3) Setting up, recompiling, Linux core, modifying drivers, to set up the embedded system (ARM)

September 2006 —
October 2011
5 years 2 months

Геолнк-Системс (Applied Materials)

Saint Petersburg, www.geolink.ru

Software Developer, C#/C++ (Windows)

Activity: design, development, bug-fixing, optimization, code review, english documentation, english spoken communication, working at customer site

Technologies: C#, C++, STL, .NET, MS Visual Studio, WinForms, ANTS profiler

Tasks accomplished:

- 1) Semiconductor panel printing tool operation screen (C#)
- 2) Developing server-side components for hardware operation (C++)
- 3) Measurement data visualizations (real-time graphs, editable tables) (C#)
- 4) Framework level GUI components (C#)

Системы перевода Промт (PROMT Translation Systems)

August 2004 —
September 2005
1 year 2 months

Saint Petersburg, translate.ru

Software Developer, C++ (Windows)

Technologies: C++, STL, Visual Basic, MFC, Win32, COM, ASP, RegExp

Activity: development, bug-fixing

Tasks accomplished:

- 1) Setup utility, provided with the distributed translation system, which sets-up the server-side machine (DCOM settings, creating new users, setting ACLs)
- 2) Desktop translation system GUI components
- 3) Website GUI components

Education

Higher

2008

СПбГУИТМО

Безопасность информационных технологий, Специалист

Tests, examinations

2014

IELTS General grade 7.0

ielts-spb.ru, English speaking/writing/listening/reading

Key skills

Languages

Russian — native

English — I am a fluent speaker

Skills

C++ Qt STL OOP OOD Design Patterns combinatorics (basics)
algorithms data structures Python Bash XML/Xslt

Further information

About me

Experience (1 year) of web-project administration and management (250ТлЦ, HTML, phpBB, MySQL, SAPE, stable monthly income).