

DENIS RYSTSOV

Address

115 Warren Ave N apt. 311
98109 Seattle WA USA

SkypeID

rystsov-denis

Email

rystsov.denis@gmail.com

LANGUAGES

Russian, native
English, professional working proficiency

EDUCATION

M.Sc, Applied Math and Computer Science
Saint-Petersburg State University, Saint-Petersburg, Russia
Date of Graduation: May, 2010

MISC

Github profile

<https://github.com/rystsov>

LinkedIn account

<http://www.linkedin.com/in/rystsov>

EXPERIENCE

Amazon.com

410 Terry Ave. North
98109 Seattle WA USA

Software engineer since 10/2014

[Amazon.com](#) is the largest Internet-based retailer in the United States. I work in the checkout team.

Grid Dynamics

16/1 B Bolshaya Monetnaya
197101 Saint-Petersburg Russia

Software engineer 9/2013-4/2014

[Grid Dynamics](#) is focused on massively scalable ecommerce platforms and services. I worked there in the big data department on a project that helps a large company to migrate data processing from Oracle to Hadoop. I used linux, java, hadoop stack (including hive & oozie) there.

Yandex

2/2 SH Piskarevskij "Benua"
195027 Saint-Petersburg Russia

Software engineer 5/2011-8/2013

[Yandex](#) is ranked as the 4th largest search engine worldwide. I worked there at infrastructure services department on several internal projects. Among them

are asynchronous reporting service and data center fault tolerance transactional message queue.

I used linux, java and python languages and dvcs (git and mercurial) there.

Smart media	<u>Web developer</u>	2010-2011
OBS Labs	<u>Web developer</u>	2005-2007
Motorola solutions	<u>Software engineer intern</u>	2006

ACTIVITIES Wrote the “[Dynamic Plain Paxos](#)” article. It explains how to change membership in a paxos-based system during the reaching of consensus.

Gave a talk at “Application Developer Days - 2” conference in 2011. It was a large two day conference. I spoke about a parsing expression grammar and a new programming language (Nemerle).

SIDE PROJECTS Sometimes my ideas cant be implemented at my job, because they are out of area of interest of my employer. As long as its legal I do them in my spare time.

Uniquation

[uniquation.com](#) is a math search system that is designed for searching documents by formulas they contain. Its utility is based on fact that is if a document or web page contains an equation it most likely contains a solution or an another useful information about the equation.

Project is frozen, it was made on my own.

Warp9

[Warp9](#) is a reactive js gui library, I made it to study a reactive programming, my goal was to create a reactive library which is similar to existing ones but avoids common pitfalls like memory leaks, repeated diamond shape problem & observable inconsistent state.

INTERESTS Distributed systems, bitcoin, reactive gui, creating tools that people love to use

HOBBIES Travelling, yoga, surfing and unicycling