

Personal Information

Name	Mezhenin Artem
Gender	Male
Date of birth	13.01.1988
Citizenship	Russian Federation
Relationship status	Single



Contact Information

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Education

Petrozavodsk State University, Russian Federation, Petrozavodsk
Bachelor degree in Applied Mathematics, 2010
Cumulative GPA: 4,23 / 5

Petrozavodsk State University, Russian Federation, Petrozavodsk
Master degree in Information Systems, 2012
Cumulative GPA: 4,78 / 5

Additional education

- Summer school «Internet tablet '2008», Petrozavodsk State University and Nokia Research Center
- Winter school «Internet tablet '2009», Petrozavodsk State University and Nokia Research Center
- Algorithms, Part I by Robert Sedgewick and Kevin Wayne, Princeton University. Coursera online course, 2012.
- Machine Learning by Andrew Ng, Stanford University. Coursera online course, 2012.
- CS188.1x: Artificial Intelligence by Dan Klein and Pieter Abbeel, University of California, Berkeley. Edx online course, 2012.
- M101 MongoDB for Developers by Andrew Erlichson. 10gen online course, 2012.
- M102 MongoDB for DBAs by Dwight Merriman. 10gen online course, 2012.
- Introduction to Parallel Programming by John Owens(University of California)

and David Luebke(NVIDIA Corp.). Udacity online course, 2013.

Experience

Senior Developer

December 2012 – Present. Metabar, Moscow.

- Designed system for Internet statistics collection
- Replaced existing MongoDB sharding cluster(3 shards) with single replica set, after deep optimization and refactoring
- Developed highload backend with Python/Celery and RabbitMQ, that serves >25M tasks per day
- Created custom OLTP/OLAP solution with MongoDB, that serves >12M op. per day
- Provided support and disaster investigation for production servers
- Automate deployments with Fabric

Senior Developer

August 2011 — December 2012. Tehnodar, Petrozavodsk

- Created vehicle tracking Web application in Python/Django
- Developed high-loaded database (MongoDB, >10M new geospatial data points per day)
- Designed scalable and failover architecture of the system
- Project planning
- Made significant performance boost by applying NumPy (package for scientific computing) for data analysis
- Install and configure servers for project needs

Developer

2008 – 2010. Petrozavodsk State University, Department of "Computer Science"

- Created multiblog client application for the Maemo/MeeGo platform
- Designed application architecture and API
- Implemented lightweight ORM to support offline mode
- Integrate application with different web services
- Wrote unittests and doxygen comments
- <http://scribo.garage.maemo.org/> , about 160K downloads

ACM ICPC contestant

- Studied algorithms and data structures for 3 year
- ACM ICPC 2008-2009, NEERC, Certificate of Achievement

Skills

Programming	Python, Go(golang), Octave, C, C++, Java
Frameworks and libs	Django, Celery, Tornado, Gevent, Flask, ZeroMQ, Qt, python-rq
Tools and IDE	Eclipse, PyCharm, pylint, pip, virtualenv, git, Mercurial,

Databases	South, Sentry MongoDB, PostgreSQL, Hadoop, Redis, CouchDB, Memcache, sqlite, scaling(partishoning, replication, sharding), Redis
Integration patterns	RPC, Messaging(RabbitMQ), REST
Administration	Windows, Ubuntu, Debian, iptables, ufw, MediaWiki, Bugzilla, Samba, OpenVPN, Apache, Nginx, gunicorn, uwsgi, Fabric
Languages	Russian, English

Interests

- Machine learning
- Algorithms, data structures, databases
- Distributed systems design, highload systems
- Parallel algorithms, heterogeneous computing
- Performance tuning
- Project managment and software quality

Links

Personal site	http://amezhenin.ru
StackOverflow	http://stackoverflow.com/users/1325846/amezhenin
LinkedIn	http://www.linkedin.com/pub/artem-mezhenin/59/847/ba6
GitHub	https://github.com/amezhenin