

## Personal Information

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



## Contact Information

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Mobile Phone	+7 (962) 945-50-39
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Zip/Postal Code	127566

## Education

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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

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- 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

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### Senior Python Developer

**December 2012 – November 2013. 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 >50M tasks per day
- Created custom OLTP/OLAP solution with MongoDB, that serves >30M op. per day
- Provided support and disaster investigation for production servers
- Automate deployments with Fabric
- Wrote asynchronous services on top of Yandex.Market API with Gevent
- References: Mike Ushakov <mr@metabar.ru>, CEO at Metabar

### 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 maintain 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

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Programming	Python, Go(golang), Octave, C, Java
Frameworks and libs	Django, Celery, Tornado, Gevent, Flask, ZeroMQ, Qt, python-rq, mock, factory-boy, nose, coverage, pyCUDA
Tools and IDE	Eclipse, pylint, pip, virtualenv, git, Mercurial, South, Sentry, newrelic
Databases	MongoDB, PostgreSQL, MySQL, Redis, CouchDB, Memcache, sqlite, scaling(partishoning, replication, sharding)
Integration patterns	RPC, Messaging(RabbitMQ), REST
Administration	gunicorn, uwsgi, Fabric, Ubuntu, Debian, Apache, Nginx, supervisor, runit
Languages	Russian, English

## Interests

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- Machine learning
- Algorithms, data structures, databases
- Distributed systems design, highload systems
- Parallel algorithms, heterogeneous computing
- Performance tuning

## Links

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Personal site	<a href="http://amezhenin.ru">http://amezhenin.ru</a>
StackOverflow	<a href="http://stackoverflow.com/users/1325846/amezhenin">http://stackoverflow.com/users/1325846/amezhenin</a>
LinkedIn	<a href="http://www.linkedin.com/pub/artem-mezhenin/59/847/ba6">http://www.linkedin.com/pub/artem-mezhenin/59/847/ba6</a>
GitHub	<a href="https://github.com/amezhenin">https://github.com/amezhenin</a>
Toptal	<a href="http://www.toptal.com/resume/artem-mezhenin">http://www.toptal.com/resume/artem-mezhenin</a>
MoiKrug	<a href="http://artem-mezhenin.moikrug.ru/">http://artem-mezhenin.moikrug.ru/</a>