Tatiana Borisova

Contact info
1 Ambulatorny proezd, 5-2-40, Moscow, 125315
+7 (915) 264-55-06
tanyatik@yandex.ru, tanyatik1@gmail.com

Experience	**Developer,** Yandex LLC	2015 – present

Yandex News Department
- Integrated Yandex.News with personalization service
  Improved clicks personalized positions by 10%
- Developing infrastructure for A/B testing
- Developing search of origins in Yandex.News stories

Developer, Yandex LLC   2014
Yandex Banner System Real-time Technologies Department
- Developed runtime for feature extraction and CTR prediction algorithms
  Improved CTR up to 2%
- Improved RPS of main Banner system up to 8% using custom allocator

Intern Developer, Yandex LLC   2012 – 2014
Yandex Banner System Real-time Technologies Department
- Added binary protocol support to data storage service
  Improved performance of data preparation up to 3x
- Developed and enhanced performance of anti-fraud filters
- Improved design and code style in Banner service
  Introduced unit-testing

Education   **Moscow State University** B.S. and M.S. equivalent   2010 – 2015
Faculty of Computational Mathematics and Cybernetics
With Honours, GPA 4.8

Yandex School of Data Analysis   2013 – 2015
Big Data specialization
GPA 4.3

Skills
- C/C++ (expert), Python (proficient), Go (prior experience)
- Algorithms, data structures
- System programming (Unix), concurrent programming, distributed systems
- Machine learning, data analysis

Projects
- Distributed fault-tolerant framework for sparse machine learning, team project
  https://bitbucket.org/darth_slon/bsc
- Multi-player client-server game, team project
  https://github.com/yazevnul/angry-balls
- Library for non-blocking I/O (and small reverse proxy using it)
  https://github.com/tanyatik/mio-proxy
- Implementation of various algorithms and data structures
  https://github.com/tanyatik/algorithms
  https://github.com/tanyatik/ext
- 3D visualization using OpenGL 3.0 graphic shaders and caustics
  https://github.com/tanyatik/pool-caustics