

# Kirill Pavlov

Hong Kong

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## Education

- **Moscow Institute of Physics and Technology (State University)** Moscow, Russia  
*Master degree, major in Applied Mathematics and Physics* Sep. 2010 – Jun. 2012
  - Graduated with honours, Department of Applied Mathematics and Management
  - Relevant courses: Machine learning, Data Mining, Statistics
- **Moscow Institute of Physics and Technology (State University)** Moscow, Russia  
*Diploma of higher education, major in Internet Data Analysis* Jan. 2011 – Jul. 2011
  - Graduated with honours, Department of Data Analysis
  - Diploma thesis: Credit scoring and risk assessment by multilevel logistic regression
- **Moscow Institute of Physics and Technology (State University)** Moscow, Russia  
*Bachelor degree, major in Applied Mathematics and Physics* Sep. 2006 – Jun. 2010
  - Graduated with honours, Department of Applied Mathematics and Management
  - Diploma thesis: Bayesian approach for choosing the optimal separating hyperplane in the case of unbalanced set

## Work Experience

- **Liricco Technologies Limited** Hong Kong, SAR China  
*Software team lead* Jun. 2015 – now
  - DevOps: I work on backend REST API server (Python3/Django, PostgreSQL, RabbitMQ, Redis) and client application (AngularJS, Gulp, Bower); responsible for architecture design.
- **Multichannel (Hong Kong) Limited** Hong Kong, SAR China  
*Development team lead, internal transfer from Multichannel Research Ltd.* Aug. 2013 – Mar. 2015
  - Implemented advertisement budget forecasting system for one million campaigns, Innovation and Technology Commission Programme E/P021/13
  - Integrated API of two billing systems: CheddarGetter and Cleverbridge, payment gateway: Paydollar and openexchangerates.org
- **Multichannel Research Limited** Hong Kong, SAR China  
*Development team lead* Jul. 2012 – Jul. 2013
  - Lead team of developers, design product architecture, apply for patents, report results
  - Write backend of web application (Django, PostgreSQL, RabbitMQ, Redis, MongoDB), frontend (AngularJS) and algorithms for advertising campaigns management (forecasting, experiment design, optimization)
  - Integrated thorough API five advertisement channels, Salesforce, Zendesk

## Yandex

Moscow, Russia

- *Developer in Advertising Network Department*

*Jan. 2011 – Mar. 2012*

- Developed algorithms for contextual targeting and advertising ranking
- Forecast click-through rate and created mathematical models to select the banner for the site. Implemented algorithms using mapreduce, python, bash and awk

## Yandex

Moscow, Russia

- *Developer in Special Projects Department*

*Feb. 2010 – Dec. 2010*

- Developed server-side event portals using Python/Django and MySQL:  
[hockey2010.yandex.ru](http://hockey2010.yandex.ru), [football2010.yandex.ru](http://football2010.yandex.ru), [aziada2011.yandex.ru](http://aziada2011.yandex.ru)
- In charge of event project's teasers creation and display on the Yandex home page

## Awards

Red Herring Global Top 100 with Multichannel Hong Kong Limited	2013
Diploma of the MIPT conference winner	26 Nov. 2011
Scholarship of Abramov-Frolov's fund. (2 000 US\$)	2007 – 2009
III Diploma at all-Russian school mathematics Olympiad (regional step, Yaroslavl)	2005

## Personal Projects

[168 Estate](#) – Hong Kong property search service. Crawling system and search engine under the hood.  
Open source github ([@pavlov99](#)) projects with total 50 stars.

## Additional Skills and Interests

**Personal:** Responsible, Resolute, Able to make decisions quickly, Purposeful

**Spoken languages:** Russian (native), English (upper intermediate), Chinese (beginner)

**Coursera Certifications:** Computer Science 101, Functional Programming Principles in Scala, Computing for Data Analysis, Neural Networks for Machine Learning

**Sport:** Orienteering, Long distance running, prepare to IronMan triathlon

Referee details available upon request;      Last updated: June 30, 2015