

Kirill Pavlov

Hong Kong

E-mail: kirill.pavlov@phystech.edu

kirillpavlov.com



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

- **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, football2010.yandex.ru, aziada2011.yandex.ru
- In charge of event project's teasers creation and display on the Yandex home page

Awards

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|---|--------------|
| Red Herring Global Top 100 with Multichannel Hong Kong Limited | 2013 |
| Diploma of the MIPT conference winner | Nov 26, 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)

Courcera 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: August 21, 2015