Kirill Pavlov
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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-though 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

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)

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