



# Rodion Lapsuev

*Curriculum vitae*

## PERSONAL DETAILS

---

*Birth* April 17, 1993  
*Address* Moscow region, Vniissok settlement, Denis Davydov 3  
*Phone* (+7) 911-981-82-54  
*Mail* Rodion123683@gmail.com

## EDUCATION

---

<b>Master's degree in Data Science</b> <i>Higher School of Economics, Moscow</i> GPA 7.71/10.00	2016-2018
<b>Bachelor's degree Economics</b> <i>Higher School of Economics, Saint Petersburg</i> GPA 8.23/10.00 Diploma with honors	2012-2016
<b>English and German languages</b> <i>Pskov Engineering Linguistic Gymnasium</i>	2000-2011

## WORK EXPERIENCE

---

### Tutor

2015-2017

*Profi.ru*

Maths and Probability theory

## RESEARCH PROJECTS

---

### Information Propagation Strategies in Online Social Networks

2017

*Main goal of this work was to build a model of a real network. This model can be represented as graph where nodes was communities and weights of edges model probability of information diffusion for one community to another. To solve this task 2 algorithms were developed (1.weight optimization 2.model quality verification). This work was presented on the 7th International Conference on Network Analysis.*

### FCA pattern structures for software testing

2016-2017

*The main idea of the work is to use Formal concept analysis (FCA - tool for data analysis) to create an effective way of input generation for software testing.*

### Agricultural and Forest Industry Cluster Identification in Russia

2015-2016

*The main idea of the work is to look on firm geographical distribution, compare it with a random distribution and draw conclusions about concentration.*

### Hedonic Prices analysis in The Market of Household Appliances

2014-2015

*The idea of the work is to measure the brand influence on the prices.*

### A study of temporal changes in user reactions to items in the Surfingbird recommender system

2013-2014

*The main idea is to analyze the user behaviour and use this knowledge to improve recommendation algorithm.*

## SKILLS

---

<i>Languages</i>	English (upper intermediate) Russian (native speaker) German (lower intermediate)
<i>Engineering Software</i>	PYTHON, L <sup>A</sup> T <sub>E</sub> X, R
<i>Additional software</i>	SQL, MICROSOFT OFFICE(MS WORD,POWER POINT)

## COURSES AND LINKS

---

<https://www.coursera.org/specializations/python>  
<https://www.coursera.org/learn/modern-combinatorics>  
<https://www.coursera.org/learn/probability-theory-basics>  
<https://www.coursera.org/learn/teoriya-grafov>  
<https://www.coursera.org/learn/algorithmic-toolbox>  
<https://www.coursera.org/learn/data-structures>  
<https://github.com/Rpl123683>