

Ekaterina Smal

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Github: [ktisha](#)

Professional Experience

- 10/2016 – present JetBrains, St. Petersburg, Russia
Team Lead
Projects: [EduTools](#), [PyCharm Edu](#), [Idea Edu](#)
- 10/2010 – 08/2018 JetBrains, St. Petersburg, Russia
Software Developer
Project: [PyCharm\(Python IDE\)](#)
- 07/2010 – 09/2010 The European Bioinformatics Institute ([EBI](#)), Cambridge, UK
Trainee
Project: The functionality “similar experiments” in search engine
- 09/2007 – 06/2009 A.F. Ioffe Physico-Technical Institute, St. Petersburg, Russia
Junior researcher
Project: Switching and memory effects in composite films based on conducting polymers and inorganic nanoparticles

Teaching

- 2010 – 2020 Computer Science Center, St. Petersburg, Russia
Academic University, St. Petersburg, Russia
Project supervisor
- 2014 – 2019 Academic University, St. Petersburg, Russia
Lecturer ([Machine learning](#))
- 2012 – 2013 Computer Science Center, St. Petersburg, Russia
Lecturer ([Python](#))

Selected student research projects

<u>2018</u>	Educational content server
<u>2014 – 2015</u>	Type inference for R language in IntelliJ IDEA R debugger in IntelliJ IDEA CheckIO integration for PyCharm Educational Package management for R Interactive plotting for PyCharm
<u>2013 – 2014</u>	Object class recognition Character movements graph Audio stream to notes converter
<u>2012 – 2013</u>	Human emotions detector Twitter sentiment analysis Emacs Lisp runtime for IntelliJ
<u>2011 – 2012</u>	Ebook searching tool
<u>2010 – 2011</u>	Panorama parts recognition

Education

<u>2015 – 2016</u>	Scoltech Bayesgroup St. Petersburg, Russia PhD student
<u>2008 – 2010</u>	Academic University of the Russian Academy of Sciences, St. Petersburg, Russia M.Sc in Software Engineering Thesis: “Ebooks searching, reading, managing system.”
<u>2004 – 2008</u>	St. Petersburg St. Polytechnic University, St. Petersburg, Russia B.Sc in Microelectronics

Languages

English (advanced), Russian (native)