Ekaterina Tuzova

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Professional Experience

10/2016 – present	Jetbrains, St. Petersburg, Russia Team Lead Projects: EduTools, PyCharm Edu
10/2010 – present	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

2014 – present	Academic University, St. Petersburg, Russia Lecturer (Machine learning)
2012 – 2013	Computer Science Center, St. Petersburg, Russia Lecturer (Python)
2010 – present	Computer Science Center, St. Petersburg, Russia Academic University, St. Petersburg, Russia Project supervisor

Selected student research projects

2014 – 2015	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. Petersb11urg, Russia
	B.Sc in Microelectronics

Languages

English (advanced), Russian (native)