Ekaterina Tuzova

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Professional Experience

08/2018 – present	Jetbrains, St. Petersburg, Russia Product Manager Project: DataScience IDE
10/2016 – present	Jetbrains, St. Petersburg, Russia Team Lead Projects: EduTools, PyCharm 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

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

2013 – 2014   Object class recognition
Character movements graph
Audio stream to notes converter

2012 – 2013   Human emotions detector
Twitter sentiment analysis
Emacs Lisp runtime for IntelliJ

2011 – 2012   Ebook searching tool

2010 – 2011   Panorama parts recognition

Education

2015 – 2016   Scoltech Bayesgroup
St. Petersburg, Russia
PhD student

2008 – 2010   Academic University of the Russian Academy of Sciences,
St. Petersburg, Russia
M.Sc in Software Engineering
Thesis: "Ebooks searching, reading, managing system."

2004 – 2008   St. Petersburg St. Polytechnic University, St. Petersb11urg, Russia
B.Sc in Microelectronics

Languages

English (advanced), Russian (native)