

Ekaterina Tuzova

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Professional Experience

10/2010 – present Jetbrains, St. Petersburg, Russia
Software Developer
Projects: PyCharm(Python IDE), PyCharm Educational Edition

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

09/2014 – present Academic University, St. Petersburg, Russia
Lecturer ([Machine learning](#))

2012 – 2013 Computer Science Center, St. Petersburg, Russia
Lecturer ([Python](#))

09/2010 – 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

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

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

Languages

English (advanced), Russian (native)