

Ekaterina Tuzova

Email: kt@jetbrains.com
Github: [ktisha](#)

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)