Ekaterina Smal

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Github: ktisha

Professional Experience

10/2016 – present
JetBrains, St. Petersburg, Russia
Team Lead
Projects: JetBrains Academy, 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

2018	Educational content server
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. Petersburg, Russia B.Sc in Microelectronics

Languages

English (advanced), Russian (native)