Ekaterina Smal

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Github: ktisha

Professional Experience

03/2022 – present JetBrains, Limassol, Cyprus
Department Lead
Projects: JetBrains Academy

10/2016 – 02/2022 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

<u>2018</u>	Educational content server
<u>2014 – 2015</u>	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. Petersburg, Russia
	B.Sc in Microelectronics

Languages

English (advanced), Russian (native)