

Ekaterina Smal

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Github: [ktisha](#)

Professional Experience

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| <u>10/2016 – present</u> | JetBrains, St. Petersburg, Russia Team Lead Projects: EduTools , PyCharm Edu , Idea Edu |
| <u>10/2010 – 08/2018</u> | JetBrains, St. Petersburg, Russia Software Developer Project: PyCharm(Python IDE) |
| <u>07/2010 – 09/2010</u> | The European Bioinformatics Institute (EBI), Cambridge, UK Trainee Project: The functionality “similar experiments” in search engine |
| <u>09/2007 – 06/2009</u> | 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

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| <u>2010 – 2020</u> | Computer Science Center, St. Petersburg, Russia Academic University, St. Petersburg, Russia Project supervisor |
| <u>2014 – 2019</u> | Academic University, St. Petersburg, Russia Lecturer (Machine learning) |
| <u>2012 – 2013</u> | Computer Science Center, St. Petersburg, Russia Lecturer (Python) |

Selected student research projects

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| <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

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| <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)