

# Igor Shalyminov

✉ [Email](#)    [Scholar](#)    [GitHub](#)    [Website](#)    [LinkedIn](#)

## EDUCATION

<b>Heriot-Watt University</b>	Dec 2020
<i>Doctor of Philosophy in Computer Science (Thesis: Data-Efficient Methods for Dialogue Systems)</i>	
<b>Yandex School of Data Analysis / Moscow Institute of Physics and Technology</b>	June 2012
<i>Professional Retraining in Data Analysis (MSc equiv.)</i>	<i>GPA: 4.66/5.0</i>
<b>Moscow State University of Instrument Engineering and Computer Science</b>	June 2010
<i>Specialist (MSc equiv.) – with distinction</i>	<i>GPA: 5.0/5.0</i>

## AWARDS

<i>Dialog System Technology Challenge (DSTC) 8, Fast Domain Adaptation – 1st place</i>	<i>2019</i>
<i>Amazon Alexa Prize 2018 (part of team Alana) – 3rd place prize</i>	<i>2018</i>
<i>Amazon Alexa Prize 2017 (part of team Alana) – 3rd place prize</i>	<i>2017</i>
<i>James Watt Scholarship from Heriot-Watt University</i>	<i>2016</i>
<i>Featured in Moscow's Best Graduates journal</i>	<i>2010</i>

## WORK EXPERIENCE

<b>Amazon</b>   <i>Applied Scientist</i>	2021 – Present
Dialogue summarization for AWS ContactLens; Low-resource ASR for Alexa	
<b>Alana AI</b>   <i>Consultant (research engineering)</i>	2020 – 2021
Goal-oriented dialogue system bootstrapping	
<b>Microsoft Research Lab – Montréal</b>   <i>Research Intern</i>	2019 – 2019
Dialog System Technology Challenge (DSTC) 8 Fast Domain Adaptation, <b>best performing system</b> as per human evaluation	
<b>Microsoft Research Lab – Redmond</b>   <i>Research Intern</i>	2018 – 2018
Improving robustness of goal-oriented dialogue systems	
<b>Yandex</b>   <i>Software Engineer</i>	2013 – 2016
Goal-oriented dialogue platform; voice analytics for call-centers; search engine for linguistic research, The Russian National Corpus	
<b>Yandex Data Analysis School / Moscow Institute of Physics and Technology</b>   <i>Teaching Assistant</i>	2013 – 2015
Natural Language Processing course	
<b>Microsoft Research Lab – Redmond</b>   <i>Research Intern</i>	2014 – 2014
Query optimization for a term-distributed search engine	
<b>Yandex</b>   <i>Software Engineer Intern → Junior Software Engineer</i>	2011 – 2013
Search engine for linguistic research, The Russian National Corpus	
<b>Intel</b>   <i>Software Engineer Intern</i>	2010 – 2010
Loop execution time analysis in the Intel C++ Compiler for Itanium architectures	
<b>Moscow State University of Instrument Engineering and Computer Science</b>   <i>Software Engineer</i>	2006 – 2012
“Prognosis” software suite for the reliability estimation of the equipment used in nuclear energetics	

## SKILLS

**Languages:** Python, C++, Java, Perl, L<sup>A</sup>T<sub>E</sub>X | **Frameworks:** PyTorch, HuggingFace, Tensorflow, scikit-learn, numpy/scipy, pandas, Lucene | **Core Technical Skills:** algorithms and data structures, classical & deep learning algorithms, natural language processing