

Denis Yarats

Research Engineer
Facebook AI Research
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Research I am interested in problems that lie at the intersection of Natural Language Processing and Reinforcement Learning

Education **Belarusian State University**
M.S. in Computer Science, 2011
B.S. in Computer Science, 2010

Experience **Facebook AI Research**
Research Engineer, June 2016 - Present
I work on researching novel algorithms in NLP, particularly in areas of Dialogues and Machine Translation

Quora
Staff ML Engineer, September 2013 - June 2016
I served as a tech lead and helped to build large scale ML algorithms and infrastructure

Microsoft, Bing
Software Engineer, November 2011 - September 2013
I worked on improving search ranking relevance of bing.com

Publications **Deal or No Deal? End-to-End Learning for Negotiation Dialogues**
M. Lewis, **D. Yarats**, Y. Dauphin, D. Parikh, D. Batra
Conference on Empirical Methods in Natural Language Processing (EMNLP), 2017

Convolutional Sequence to Sequence Learning
J. Gehring, M. Auli, D. Grangier, **D. Yarats**, Y. Dauphin
International Conference on Machine Learning (ICML), 2017

Talks **Convolutional Sequence to Sequence Learning**
International Conference on AI and DS (www.aiukraine.com)
September 2017

Convolutional Sequence to Sequence Learning
Treehouse Talk at CLMS, University of Washington
November 2017

Skills PyTorch/Torch, Python, C/C++, CUDA

Achievements **ACM ICPC World Final**
Orlando, USA, 2011

Google Code Jam European Final
Zurich, Switzerland, 2008

References **Michael Lewis** **Dhruv Batra**
Research Scientist Assistant Professor
Facebook AI Research Georgia Institute of Technology
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Larry Zitnick
Research Manager
Facebook AI Research
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