

Maksim Bolonkin

PERSONAL DATA

Dartmouth College
Department of Computer Science

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RESEARCH INTERESTS

My research interests lie within application of deep multimodal learning techniques to problems that bring together Computer Vision and Natural Language Processing: video captioning, visual Q&A, video understanding.

EDUCATION

- Current PhD program (third year) in Computer Science, **Dartmouth College**
Working under supervision of Dr. V.S. Subrahmanian
- June 2015 MS in Computer Science
Diploma with distinction, **Saint-Petersburg State University**, Russia
Thesis: "Enhancing image registration techniques for better superresolution"
Advisor: Dr. Alexander Vakhitov
- June 2010 BSc in Applied Mathematics and Computer Science
Diploma with distinction, **Moscow State University**, Russia
Qualification paper: "On virus recognition in regular texts"
Advisor: Dr. Valery Kudryavtsev

PUBLICATIONS

- *Du Tran, Maksim Bolonkin, Manohar Paluri, Lorenzo Torresani*, **VideoMCC: a New Benchmark for Video Comprehension**, 2016 (on arXiv)
- *Maksim Bolonkin*, **On virus recognition in regular texts**, Intelligent systems, vol. 14 (2010), Moscow, p. 299-318 (in Russian)

WORK EXPERIENCE

- 2008-2012 Software Engineer and Junior Researcher at "Akademdevice" scientific production association, Tashkent, Uzbekistan
I was developing and supporting software for devices produced by the hardware department: remote monitoring system for national security agency, military vehicle simulators for Military Academy students training, computer-aided system for military telegraph service.

AWARDS

- MAY 2016 Best Teaching Assistant Award, Department of Computer Science, Dartmouth College
MAY 2009 Best Research Paper at Student Symposium, MaTIS Lab, Moscow University

SKILLS

- Frameworks: Caffe, Torch, PyTorch
Programming Languages: C/C++, Matlab, Python