Curriculum Vitae

Contact Information	Name: Ivan Ovinnikov Birthday: 06.02.1990 Nationality: Russian/Swiss	mobile: +41 76 470 89 34 e-mail: ivan.ovinnikov@gmail.com

Education

ETH Zurich, Zurich, Switzerland

Master of Science — **September 2013 – September 2015**

- Faculty of Electrical Engineering and Information Technology (D-ITET)

Lund University, Lund, Sweden

Exchange Studies — **September 2012 – December 2012**

- Faculty of Engineering LTH

ETH Zurich, Zurich, Switzerland

Bachelor of Science — **September 2009 – June 2012**

- Faculty of Electrical Engineering and Information Technology (D-ITET)

Kantonsschule Wettingen, Wettingen, Switzerland

Graduation Diploma — **August 2005 - June 2009**

Permanent Mission of the Russian Federation in Geneva School, Geneva, Switzerland

Graduation Diploma — **June 2006**

Professional Experience

ETH Zurich CGL Group/Disney Research Zurich, Zurich, Switzerland

Doctoral Candidate — **November 2016 – present**

Doctoral candidate working on the dissertation in the field of structured variational inference for natural language processing.

SPF HSR Rapperswil, Rapperswil, Switzerland

Research Assistant — **June 2016 – September 2016**

Research assistant working in the field of thermal solar energy focusing on the implementation of a linear flow solver in Java.

Disney Research Zurich, Zurich, Switzerland

Research Assistant — **March 2016 – May 2016**

Research assistant in machine learning group working on a deep learning project.

ETH Zurich ISE Group, Zurich, Switzerland

Research Assistant — **December 2015 – February 2016**

Research assistant working on the publication titled "Semi-supervised learning using correlated convolutional networks".

EPFL Lausanne DISAL Group, Lausanne, Switzerland

Research Assistant — **March 2013 – September 2013**

Research assistant in the scope of the civil service project on the precision autonomous landing of quadrotor micro aerial vehicles using onboard monocular vision.

ETH Zurich, Zurich, Switzerland

Teaching Assistant — **February 2012 – June 2012**

Teaching assistant for undergraduate courses in electrical engineering.

Quartzteq GmbH, Windisch, Switzerland

Development Engineer **November 2010 – December 2015**

R+D Department work, embedded systems, industrial applications.

Suvretta Snowsports St. Moritz, Switzerland

Sports instructor in Snowboarding **December 2011 – January 2013**

Instructor in snowboarding.

Paul Scherrer Institut Villigen, Switzerland

Assistant **July 2009**

Assistant position in various tasks at Controls group, mostly PCB design.

ETH Zurich Nanophysics Group, Zurich, Switzerland

Internship **November 2007**

3-week internship at the Nanophysics Group at ETH Zurich.

PROFESSIONAL
SKILLS

Programming: C, C++, C#, Java, Python, Matlab, LabVIEW, Javascript, Lua, VHDL
PCB-Design: Altium, P-CAD, Eagle
Frameworks: Tensorflow, Pytorch, ROS, Scikit-Learn, Torch7, Theano, Keras, CUDA

LANGUAGE
SKILLS

Fluent: Russian, English, French, German
Extensive experience: Swedish, Spanish, Italian
Basic knowledge: Chinese (Mandarin)

PUBLICATIONS

Semi-supervised learning with correlated convolutional networks *(preprint, ICML2016 submission)*
Poincaré Wasserstein Autoencoder *Bayesian Deep Learning Workshop NeurIPS 2018*
Variational Entity Networks *(preprint)*

HONOURS AND
AWARDS

Silver Medal Swiss National Physics Olympiad 2009
Finalist of the SJF (Swiss Youth in Science) 2009 Science Contest
Winner of the Cantonal Maturaarbeit Contest (DIY Scanning Tunneling Microscope)

CERTIFICATES

Cambridge Certificate of Advanced English (Grade A)
Swiss Snowsports Kids Snowboard Instructor Certificate
Swiss Talent Forum 2011 Participant Diploma
Stanford Introduction to Artificial Intelligence Course Statement of Accomplishment