

Vladimir Nekrasov

<https://drsleep.github.io/>
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EDUCATION

UNIVERSITY OF ADELAIDE

PH.D. IN COMPUTER SCIENCE

Aug, 2017 - curr. | Adelaide, Australia
Per-Pixel Dense Classification Tasks

UNIST

PH.D. IN COMPUTER SCIENCE

Mar, 2016 - Feb, 2017 (permanent
voluntary leave) | Ulsan, South Korea
GPA: 4.3 / 4.0

Semantic Image Segmentation,
Text-to-Image Generation

MOSCOW STATE UNIVERSITY

SPECIALIST D. IN MECHANICS

Sep, 2010 - Jun, 2015 | Moscow, Russia
GPA: 4.6 / 5.0

Indoor Navigation, Stability & Control
Theory

LINKS

Github:// [drsleep](#)

LinkedIn:// [nekrasowladimir](#)

Kaggle:// [drsleep](#)

SKILLS

PROGRAMMING

Over 5000 lines:

Python • R

Over 1000 lines:

C • C++ • Matlab • Scala • Latex

DEEP LEARNING FRAMEWORKS

TensorFlow • PyTorch • Caffe • MXNet

COURSEWORK

GRADUATE

Advanced Machine Learning

Bio-Data Programming

Modern Probability Theory & Stochastic
Processes

UNDERGRADUATE

Numerical Methods

Complex Analysis

Differential Geometry and Topology

Mathematical Analysis

Linear Algebra

Probability Theory

Math. Statistics & Random Processes

Discrete Mathematics

EXPERIENCE

HPC SUPPORT, THE UNIVERSITY OF ADELAIDE | CADET

Nov, 2017 - Dec, 2017 | Adelaide, Australia

- Parsed and built dependency trees for existing software
- Created new users accounts, installed HPC software on request

AO "BINBANK DIGITAL" | MAIN SPECIALIST / DATA SCIENTIST

Apr, 2017 - Jul, 2017 | Moscow, Russia

- Built a predictive machine learning model able to quantify clients' responses to different promotions and campaigns

UNIST, ARTIFICIAL INTELLIGENCE LAB | RESEARCHER

Aug, 2015 - Feb, 2016 | Ulsan, South Korea

- Proposed an improved deconvolutional block for semantic image segmentation
- Worked on and studied theoretical foundations of deep learning (polynomial learnability, the effect of depth)

SVYAZNOY | DATA SCIENTIST

Dec, 2014 - Jul, 2015 | Moscow, Russia

- Optimised recommendations for e-commerce site
- Worked on personalisation of recommendations for any visitor of a website
- Built an items ranking algorithm based on the NDCG metric
- Built a classifier for personalisation of advertisement campaigns

SVYAZNOY-CLUB | BUSINESS ANALYST INTERN

Sep, 2014 - Dec, 2014 | Moscow, Russia

- Developed multiple dashboards for business partners
- Conducted business case analysis for potential partners

SIU SYSTEM (3D SYSTEMS) | 3D PRINTERS CONSULTANT

Jul, 2013 - Nov, 2013 | Moscow, Russia

- Consulted customers on 3D printing technologies and 3D printers
- Performed regular maintenance of 3D printers
- Performed accounting tasks

PUBLICATIONS

CONFERENCE ARTICLES

- **V. Nekrasov**, C. Shen, and I. Read. Light-Weight RefineNet for Real-Time Semantic Segmentation. In **British Machine Vision Conference**, Newcastle-upon-Tyne, 2018.
- **V. Nekrasov**, J. Ju, and J. Choi. Global Deconvolutional Networks for Semantic Segmentation. In **British Machine Vision Conference**, York, 2016.
- **V. Nekrasov**. Indoor Navigation Techniques. (In Russian). In **Lomonosov International Conference**, Moscow, 2013.

WEB DEMOS

NCI-60 Interactive Application

https://drsleep.shinyapps.io/bio_data/

2016