
PERSONAL PARTICULARS

Name Artsiom Ablavatski
Date of Birth 16-Nov-1990
Citizenship Belarus
Marital Status Single
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EDUCATION

Bachelor Degree

University Belarusian State University of Informatics and Radioelectronics
Country Minsk, Belarus
Period Sep 2008 – Jun 2013
Major Software for Information Technologies
Classification First Class
Grade Point 9/10

Master in Science (MSc) degree

University: Belarusian State University of Informatics and Radioelectronics
Country Minsk, Belarus
Period Sep 2013 – Jun 2014
Major Mathematical Instruments and Software for Computing Machines, Complexes and Computer Networks
Grade Point 8/10

<i>Research Topic</i>	<i>Grade</i>
Software Cost Estimation Models	9/10

Research Assistantship

University / Institute School of Computer Science and Engineering, Nanyang Technological University / Institute for Infocomm Research
Country Singapore
Supervisor Dr Lu Shijian, A*STAR – Institute for Infocomm Research and Adjunct Prof at NTU, School of Computer Engineering
Co-supervisor Assoc Prof Cai Jianfei, School of Computer Science and Engineering, NTU
Period Jan 2015 – Jan 2017
Research Topic Deep Learning for Scene Text Detection and Recognition

Subjects taken

Semester 1

EE7403 – Image Analysis & Pattern Recognition

DM6121 – Human Computer Interaction

HWG703 – Graduate English

Average

Grade

B (3.5)

A (5.0)

pass

4.25

Semester 2

CE7491 – Advanced Digital Image Processing

DM6190 – Special Topics in Image Processing

Average

Grade

A-(4.5)

A+(5.0)

4.75

Semester 3

HWG702 – University Teaching for Teaching Assistants

Grade

pass

WORKING EXPERIENCE

<u>Period</u>	<u>Employer</u>	<u>Designation</u>	<u>Participation</u>
Mar 2011 – Aug 2012	StyleSoft LLC, Minsk, Belarus	Software Developer	Implementation and optimization of big data synchronization and processing; development of UI design
Aug 2012 – Dec 2014	EffectiveSoft Ltd., Minsk, Belarus	Senior Android Developer	Implementation of UI design, application architecture, database model and synchronization with web services
Jan 2017 – now	OOO AIMatter, Minsk, Belarus	Machine Learning and Deep Learning Engineer	Development solutions for practical computer vision problems using modern deep learning techniques

PUBLICATIONS

<u>Year</u>	<u>Publications</u>
2012	<i>Artsiom Ablavatski and Victor Khaustov</i> , Main Design Patterns In Mobile Applications (2012), in: International Scientific-Practical Conference WebConf-2012
2013	<i>Artsiom Ablavatski</i> , Important Aspects of Software Projects Evaluation (2013), in: Eurasian scientific forum “Integration processes in Eurasia: progress, problems and prospects”
2016	<i>Artsiom Ablavatski, Shijian Lu, Cai Jianfei</i> , Enriched Deep Recurrent Visual Attention Model for Multiple Object Recognition (2016), in: IEEE Winter Conference on Applications of Computer Vision 2017 (WACV)

2017

Artsiom Ablavatski, Andrei Polzounov, Sergio Escalera, Yang Hao, Shijian Lu, Cai Jianfei, WordFence: Text Detection in Natural Images with Border Awareness (2017), in: IEEE The International Conference on Image Processing (ICIP)

SKILLS

Software technologies	Python (Numpy, Skipy, Theano, Blocks, Fuel, PyTorch TensorFlow), C++ (Caffe), Matlab, Lua (Torch) Java, Android SDK, Android NDK
VCS	GIT, SVN, Mercurial
Speaking Languages	English - Professional Proficiency, Russian, Belorussian - Native

RESEARCH INTERESTS

Machine learning and deep learning in the application for solving real-world computer vision tasks. Supervised, unsupervised and semi-supervised learning for highly-generalizable deep neural networks.

HOBBIES

Volleyball	Permanent participant of different kind of indoor and beach volleyball sport events. Team member of international unprofessional volleyball team in Singapore.
Music	6 years of participation in wind orchestra: 4 years (trumpet) + 2 years (saxophone)
Traveling	Visited more than 55 countries across the world in Europe, Asia, Australia and Caribbean Islands.