
PERSONAL PARTICULARS

Name Artsiom Ablavatski
Date of Birth 16-Nov-1990
Citizenship Belarus
Marital Status Married
Address 1600 Amphitheatre Pkwy,
Attn: artsiom
Mountain View
CA, USA, 94040
Phone +375 298994312
+1 650 8619651
Email Address artsiom@google.com
Webpage <https://ablavatski.github.io/>



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

<i>Semester 1</i>	<i>Grade</i>
EE7403 – Image Analysis & Pattern Recognition	<i>B (3.5)</i>
DM6121 – Human Computer Interaction	<i>A (5.0)</i>
HWG703 – Graduate English	<i>pass</i>
<i>Average</i>	<i>4.25</i>
<i>Semester 2</i>	<i>Grade</i>
CE7491 – Advanced Digital Image Processing	<i>A-(4.5)</i>
DM6190 – Special Topics in Image Processing	<i>A+(5.0)</i>
<i>Average</i>	<i>4.75</i>
<i>Semester 3</i>	<i>Grade</i>
HWG702 – University Teaching for Teaching Assistants	<i>pass</i>

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 – August 2017	OOO AIMatter, Minsk, Belarus	Machine Learning and Deep Learning Engineer	Development solutions for practical computer vision problems using modern deep learning techniques
August 2017 – now	Google LLC	Software Engineer	Designing techniques for live scene perception on embedded devices

PUBLICATIONS

<u>Year</u>	<u>Publications</u>
2012	<i>Artsiom Ablavatski and Victor Khaustov, Main Design Patterns In Mobile Applications (2012), in: International Scientific-Practical Conference WebConf-2012</i>
2013	<i>Artsiom Ablavatski, Important Aspects of Software Projects Evaluation (2013), in: Eurasian scientific forum “Integration</i>

- processes in Eurasia: progress, problems and prospects”
- 2016 *Artsiom Ablavatski, Shijian Lu, Cai Jianfei, **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)
- 2019 *Artsiom Ablavatski and Ivan Grishchenko, **Real-Time AR Self-Expression with Machine Learning*** (2019), in: Google AI Blog

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.