
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 |

PhD Degree (Full time with a scholarship)

University Nanyang Technological University (NTU)
Country Singapore
Department School of Computer Science and Engineering
Period Jan 2015 - Current

| <i>Research Topic</i> | <i>Grade</i> |
|--|--------------|
| Deep Learning for Scene Text Detection and Recognition | |

Subjects taken

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

PUBLICATIONS

| <u>Year</u> | <u>Publications</u> |
|-------------|--|
| 2012 | <i>Artsiom Ablavatski and Victor Khaustov, Main Design Patterns In Mobile Applications</i> (2012), in: International Scientific-Practical Conference WebConf-2012 |
| 2013 | <i>Artsiom Ablavatski, Important Aspects of Software Projects Evaluation</i> (2013), in: Eurasian scientific forum “Integration processes in Eurasia: progress, problems and prospects” |
| 2016 | <i>Artsiom Ablavatski, Shijian Lu, Cai Jianfei, Enriched Deep Recurrent Visual Attention Model for Multiple Object Recognition</i> (2016), in: IEEE Winter Conference on Applications of Computer Vision 2017 (WACV) |
| 2017 | <i>Artsiom Ablavatski, Andrei Polzounov, Sergio Escalera, Yang Hao, Shijian Lu, Cai Jianfei, WordFence: Text Detection in Natural Images via Border Awareness</i> (2017), in: IEEE The International Conference on Image Processing (ICIP) (submitted) |

SCHOLARSHIP

| | |
|-----------------------------|---|
| Scholarship | Singapore International Graduate Award (SINGA) |
| Awarding Institution | A*STAR |
| Research Institute | Institute for Infocomm Research (I2R) |
| Main 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 |
| Award Intake | 12 January 2015 |
| Expected Graduation | 11 January 2019 |

SKILLS

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|------------------------------|--|
| Software technologies | Python (Numpy, Skipy, Theano, Blocks, Fuel, TensorFlow), C++ (Caffe), Matlab, 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 50 countries across the world in Europe, Asia, Australia and Caribbean Islands. |