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## PERSONAL PARTICULARS

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**Name** Artsiom Ablavatski  
**Date of Birth** 16-Nov-1990  
**Citizenship** Belarus  
**Marital Status** Single  
**Address** Kirova 8-40  
Minsk  
Belarus, 220030  
**Phone** +375 298994312  
**Email Address** [ablovatsky@gmail.com](mailto:ablovatsky@gmail.com)  
**Webpage** <https://ablavatski.github.io/>



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## EDUCATION

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### **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**

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## **WORKING EXPERIENCE**

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<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

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## **PUBLICATIONS**

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

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## SKILLS

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

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## RESEARCH INTERESTS

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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.

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## HOBBIES

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