

Aliaksei Ivanou

Fb.co/aliaksei.ivanou.by
aliaksei.ivanou.by@gmail.com
 +375 29 559 85 56
 Skype aliaksei.ivanou

Current residence: Belarus, Minsk
 Citizenship: Belarus

EDUCATION

BELARUSIAN STATE UNIVERSITY

BS in Radiophysics, Satellite information systems and technology
 Average GPA : 6.61 / 10.0
 September 2007 – July 2012 | Minsk, Belarus

SAMARA STATE AEROSPACE UNIVERSITY

Summer Space School
 3.5 ECTS | August 2011 | Samara, Russia
 3.5 ECTS | August 2013 | Samara, Russia

MOSCOW STATE UNIVERSITY

Youth Scientific School
 October 2009 | Kostroma, Russia
 Short practice
 November 2009 – December 2009 | Moscow, Russia
 Youth conference with elements of scientific school
 March 2011 – April 2011 | Moscow, Russia

SKILLS

MATLAB • C/C++ • LaTeX • Ruby • JAVA • LabVIEW
 System Tool Kit
 Digital Signal Processing • Remote Sensing • Satellites • UAV

LINKS



<https://www.facebook.com/aliaksei.ivanou.by>



<https://www.linkedin.com/in/aliaksei-ivanou-by>



<https://github.com/qwerchenok>

COURSES

ENGLISH LANGUAGE

A1. Elementary level
 Exam : 98 / 100
 September 2015 – December 2015 | Minsk, Belarus

A2. Pre-Intermediate level

Exam : 98 / 100
 January 2016 – May 2016 | Minsk, Belarus

B1. Intermediate level

Exam : 82 / 100
 September 2016 – December 2016 | Minsk, Belarus

B2. Upper-Intermediate level

Exam : 60.5 / 100
 January 2017 – May 2017 | Minsk, Belarus

C++

C++ Programming
 March 2018 – May 2018 | Minsk, Belarus
 C++ Development Fundamentals: White Belt
 February 2020 – March 2020 | Minsk, Belarus
 C++ Development Fundamentals: Yellow Belt
 March 2020 – ... | Minsk, Belarus

LATEX

Documents and presentations in LaTeX (Introduction to LaTeX)
 May 2016 – June 2016 | Minsk, Belarus

RUBY

Building web applications with Ruby on Rails
 February 2015 – June 2015 | Minsk, Belarus

JAVA

Java. JD1. Programming in Java
 October 2012 – December 2013 | Minsk, Belarus

LABVIEW

LabVIEW – Basics I
 December 2010 | Minsk, Belarus
 LabVIEW – Data Acquisition
 January 2011 | Minsk, Belarus

EXPERIENCE

PELENG, JSC

Design Engineer, Space Division

August 2012 – December 2019 | Minsk, Belarus

- Participation in development of optical sensors for satellites "Belarussian Spacecraft", "EgyptSat-2", "EgyptSat-A", "Monitoring-SG", "Meteor-MP", "Obzor-O", satellites series "Kanopus-V", optical sensor for UAV.
- Participation in flight tests and operation control of satellites "Belarussian Spacecraft", "EgyptSat-2", "EgyptSat-A", satellites series "Kanopus-V".
- Participation in flight tests and operation control of optical sensor for UAV.
- Development of image compression algorithm (ADPCM): **MATLAB**.
- Writing the design projects.
- Planning of shooting during the flight tests: **Systems Tool Kit**.
- Linear resolution analysis of images of the Earth surface: **MATLAB**.
- Correcting gauge coefficients for photomatrixes for removing any defects in target apparatus operation: **MATLAB**.

• Development databases: **MS Access Ruby on Rails PostgreSQL**.

• Development of DB of remote sensing satellites: **Ruby on Rails PostgreSQL**.

• Development of photo/video processing algorithms (debayer algorithm, conversion of image format, stabilization algorithm, image fusion algorithm, etc): **MATLAB**.

• Adjustment and exhibition of image sensors in one plane.

• UAV IMU calibration: **MATLAB**.

INFORMATION CENTER LAND CADASTRE DATA AND MONITORING OF LAND, RUE

Engineer, Department of navigation and information technologies

June 2010 – May 2012 | Minsk, Belarus

- Sales, installation and maintenance system of satellite monitoring of transport.
- Website Development: **CMS Joomla, CMS Drupal**.