Curriculum Vitae

PERSONAL INFORMATION

Alexandra Kazlova

Traunsteiner str. 5/02, München 81549, Deutschland

+ 49 176 72328294

kazlova.aliaksandra@gmail.com

Sex female | Date of birth 14/02/1989 | Nationality Citizenship of Belarus

WORK EXPERIENCE

Oct 2014- Oct 2015 — Research assistance/Student job/Master's thesis

German Aerospace Center (DLR)
German Remote Sensing Data Center/Atmosphere
Adaptation of an algorithm based on the 2D Fast Fourier Transform (FFT) for the optical image data analysis of the atmosphere for the extraction of the horizontal wavelengths and directions of propagation of small-scale gravity waves

Apr 2012- Jun 2013 — Engineer

GNSS plus Ltd. Moscow(Russian Federation)

Work duties:

- Customer consultation and technical support for the software and GNSS equipment
- Being involved in a project to monitor construction using GNSS equipment and software
- Functional and performance verification of GNSS receivers to ensure overall product quality
- Analyzing the raw data collected from the GNSS and INS receivers

Oct 2011- Apr 2012 — Surveyor

VADISGEO Ltd. Moscow (Russian Federation)

Work duties:

- Verified the location of structures during construction
- Surveyed existing conditions of the future work site, including topography, existing buildings and infrastructure, and underground infrastructure whenever possible
- As-built drawing in AutoCAD 2D/3D

EDUCATION

Oct 2013-Nov 2015 — Master of Science in Earth Oriented Space Science and Technology (ESPACE)

Remote Sensing/Navigation
Technische Universität München
THESIS: "Adaptation of an algorithm based on the 2D Fast Fourier Transform (FFT) for the analysis of OH-airglow intensity measurements"
Main subjects: Remote Sensing, Photogrammetry, Navigation, Orbit Mechanics

Sept 2007-Jul 2012 — Diploma of engineer majoring in "Applied Geodesy"

Moscow State University of Geodesy and Cartography (MIIGAiK)
THESIS: "Coordinates of the State Geodetic Network points in datum WGS-84, Pulkovo 42, Pulkovo 95"
Main subjects: Geodesy, Cartography, Photogrammetry

PERSONAL SKILLS

Mother tongue(s)	Russian language
Other language(s)	English(Proficient user), German(B2)
Communication skills	During past two years work and study in multicultural environment
Computer skills	▪ Microsoft Office tools ▪ C/C+, Python, IDL, MATLAB/Simulink, UNIX ▪ 2D and 3D modelling in AutoCAD, ArcGIS, MAPINFO

ADDITIONAL INFORMATION

Publications	Mazurova E., Kazlova A.:"About calculation of the components of the deflection of the vertical through discrete linear transformations", EGU General Assembly 2011, 03-08 April, Vienna, Austria. http://meetingorganizer.copernicus.org/EGU2011/EGU2011-1801.pdf
Honours and awards	Study Scholarship for Graduates of all Disciplines for the Master Study from German Academic Exchange Service

PROJECTS

"GNSS plus" ltd.	▪ Building and support a Real Time GNSS Network covering the territory of Smolensk Region and the Republic of Tatarstan in Russia.
"GNSS plus" ltd.	▪ The project of the development monitoring network for the construction in Nizhnii Novgorod using GNSS equipment and GOCA software (TU Karlsruhe): development of the geodetic network, documentation and data analysis.
"GNSS plus" ltd. and Moscow State University of Geodesy and Cartography (MIIGAiK)	▪ Participation in the training "Collecting and processing of the GNSS/INS measurements from the pilotless airborne and vehicles" for the students of the Moscow State University of Geodesy and Cartography, as an employee from the GNSSplus responsible for the equipment and the technical part of the training.
"VADISGEO" ltd.	▪ The project of 3D modeling of the Technical Museum of Moscow from laser point cloud.
Moscow State University of Geodesy and Cartography (MIIGAiK)	▪ During the last six months of my diploma study I was carrying out a research for a thesis on "Investigation of accuracy coordinate transformation from one datum to another" under the supervision of Prof. Mazurova E.M
Technische Universität München	▪ Modeling of the global and regional sea level change from ENVISAT data according to the Software Engineering Standards. ▪ Reconstruction of precise 2Dbuilding footprint from spaceborne TomoSAR point cloud. ▪ SAR Interferometry-Generation of Digital Elevation models.