Nikolay Golosov

EDUCATION

- University of Northern Iowa, College of Social and Behavioral Sciences, Department of Geography, currently pursuing Master of Arts degree.
- Saint Petersburg State University, Faculty of Geography and Geoecology, Department of Cartography and GIS, B.S/Specialist degree, GIS.

SKILLS AND QUALIFICATION

Experienced user of applied software: ESRI ArcGIS Desktop and ArcGIS Pro, Safe Software FME, Portal for ArcGIS, Global Mapper, Autodesk AutoCAD, Civil 3D, Windows Server, VMWare vSphere

Skills: strong problem solving and troubleshooting skills, geoprocessing, geocoding, enterprise databases, programming, LiDAR, raster, database, consulting services, computer science,

Proficient in: Python (arcpy), CMD, PowerShell, XML, JavaScript, MSSQL and SQL queries.

Extensive experience in support of Windows Server environments and virtualization systems. Possess strong customer support skills.

PROFESSIONAL EXPERIENCE

University of Northern Iowa, Department of Geography, Cedar Falls, IA

Graduate Research Assistant   January 2018 — Present

- Developed a semi-automatic digitization workflow of historical reindeer aerial census reports by using ESRI ArcGIS ArcMap and FME Desktop which led to significant efficiency gains process
- Implemented models to create dasymetric maps for urban areas using ArcGIS Model Builder, 3D Analyst
- Increased quality of map presentation by designing digital and paper-based wild reindeer distribution maps using ArcGIS Pro and ArcGIS Online
- Assisted interns during UNI Geography Department's Research Experience for Undergraduates program which allowed them to defend their projects with great success with a focus on remote sensing and ESRI ArcGIS applications.

Veeam Software, Technical Customer Support, St. Petersburg

Customer Care representative   November 2016 — January 2018

- Delivered 100% customer satisfaction rate while providing technical support by using Cisco WebEx and Teamviewer remote support tools.
- Effectively resolved various infrastructure issues on the client side (Windows Server 2008/2012/2016, Microsoft Exchange 2007-2016, Active Directory, MS SQL Server, Oracle) preventing backup/replication/restore from successful execution using strong problem-solving, troubleshooting and debugging skills

LUKOIL International Services, Survey department, Basra province, Iraq

Surveyor   December 2012 — May 2016

- Developed a web-GIS which greatly improved management situational awareness and used heavily in the daily activities of field and remote branch offices using ArcGIS Server 10.4
- Developed software for automatic collection of panoramic images using Python scripts
- Reduced time needed for preparation of demining reports (document containing coordinates tables and sketches) by creating a custom Model Builder tool
- Improved CAD to GIS conversion accuracy using custom ETL workflows build in FME Desktop
- Effectively kept GIS information up to date by performing GPS surveys using Leica and Trimble GPS equipment.

Saint-Petersburg Heating Grid, St. Petersburg

GIS Engineer   May 2012 — November 2012

- Provided technical support to users of the internal custom desktop GIS (C# ESRI runtime-based application) by providing easy to understand documentation leading to a decreased the number of calls for technical support
- Greatly saved the time needed for the installation and configuration process of ESRI Runtime on client workstations using custom Active Directory policies
- Prepared electronic maps, schemes, and diagrams which greatly improved client awareness during emergencies using ArcGIS 9.x and FME Desktop geoprocessing resources
- Drafted a technical assignment and requirements for the development of new versions of the internal GIS, which resulted in earlier development of a new version of the software.
- Deployed the test environment which streamlined the testing process of the new versions of internal GIS using VMWare vSphere

NeftegasGeodesia LLC, St. Petersburg

GIS engineer / GIS Intern   October 2010 — May 2012

- Developed powerful automation workflows, which allowed expedited symbology conversion for web-mapping application from proprietary MapInfo style format to open-source KML format using ArcGIS Model Builder, FME Desktop and Altova Mapforce
- Developed tools for automated configuration files creation (XML with SQL Queries) for our Web-GIS software using Altova MapForce to avoid tedious manual processing
- Investigated the effect of the location of geographic features on the formation of defects in pipelines according to in-line inspection data using Spatial and Geostatistical Analyst.