

NICHOLAS NAEEM

2161 Tannin Pl, Apt 138 | Vienna, VA 22182 | 703-894-8121 | nicholas.naieem@gmail.com

EDUCATION

George Washington University

Full Stack Coding Bootcamp

Arlington, VA

10/2019 - 04/2020 (expected completion)

James Madison University

Geographic Science AGIS Concentration

Harrisonburg, VA

08/2014 – 12/2016

EXPERIENCE

Pike Engineering

GIS Technician/Mapping Technician

Sterling, VA

08/2018 – Present

- Update live maps of the greater D.C. area power grid which allows field technicians to view real time adjustments to engineering problems faced at specific job sites
- Build designs within ArcFM/GWD for power distribution, new business, and system performance
- Communicate directly with clients to grasp the scope of the project and design plans for new developments with input from the engineering department
- Create workflow and builds of electrical projects that will be constructed in the field that consist of cartographic representations and build specifications of future reclosers, transformers, conductors, and other energized features
- Create a process guide to streamline workflow from receiving a design request by the client to sending a finished job package design

ASRC Federal

GIS Technician

Suitland, MD

11/2017 – 08/2018

- Review team members' projects and records for quality control, directing improvements and edits, trained a new employee on various projects and daily operations
- Assist the U.S. Census Geography department with numerous projects
- Responsible for updating TIGER files through the interactive Census Proprietary System called GATRES (Geographic Acquis-based Topological Real-time Editing System)
- Combined use of multiple sources (GATRES, ArcGIS, local county government GIS, and imagery) to update U.S. road and highway shapefiles, Master Address Points (MSPs), and evaluate geocodes with high spatial accuracy for USPS, USGS, and Census
- Ensure consistency in databases for naming and coding purposes
- Utilize FME to convert shapefiles to Geodatabases, CSV files, and Oracle Databases
- Update the Master Address File (MAF) for the upcoming 2020 census by confirming the location of MAF Structure Points (MSP)

ArcBridge Consulting & Training, Inc.

GIS Technician

Reston, VA

08/2017 – 10/2017

- Assisted with the task of updating routes for the Los Angeles County Fire Department to improve efficiency and accuracy
- Incorporated alley-ways to ensure all possible routes are included in an effort to expand routes for the Fire Stations
- Performed street file correction services using ArcMap Editor and in-house proprietary tools
- Pulled data from parcels to assign address ranges to street centerline linear features

DigitalGlobe

Data Wrangler Intern

Herndon, VA

06/2015 – 08/2015 | 06/2016 – 08/2016

- Assisted in the development of MilNet and OpenSkyNet (OSN) to train classifiers to detect objects of interest
- Collected pertinent data to help automate the detection of relocatable targets in areas of interest while ensuring the quality of gathered data
- Minimized processing time through the utilization of area reduction in order to identify a confined search area
- Tested models to determine the accuracy of detection and made adjustments to parameters by leveraging pre-existing Python code

Skills

- Public Trust Clearance
- Experienced with ESRI ArcGIS 10.6 and QGIS
- Proficient with Asset Suite 8
- Fluent in Farsi and Dari
- Proficient in SQL
- Experience in Geoprocessing
- Proficient in Microsoft Word, Excel, and PowerPoint
- Proficient with FME
- Proficient in Geomatica and GPS units

- Basic knowledge of Python
- Languages and Scripting:
HTML, CSS, Javascript, HTML,
JQuery, Node.js, Express
- Tools: Visual Studio, Git
Bash/Terminal

Relevant Coursework

- Geospatial Tools: Remote Sensing and GIS
- Applications of Geographic Information Systems: Urban Planning