

# David Gaworski

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## QUALIFICATIONS SUMMARY

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- 5 years experience in Customer Service
- 6 years experience with ArcGIS 10.1-10.5
- Proficiency with Spatial Analyst, 3D Analyst, Geostatistical Analyst, Network Analyst, etc.
- 5 years experience with Data Visualization
- 4 years experience with Python web scraping
- 4 years project management experience
- 5 years of research and analytical skills
- 4 years experience coding python based geospatial tools and applications
- 1 years experience with ArcGIS Deep Learning tools and notebooks
- 4 years experience developing online websites and applications

## PROJECTS

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- **City of Plano Soundex** – PHP and Python based web application that runs the input street name against the SQL Server Database to compare with the MasterStreetName Table, Vetted Streets Table, and generates a return of like sounding street names, matches, or reserved street names to assist planners in the street name approval process.
- **City of Wylie - Notification Tool** – Python geoprocessing service to assist Planning, Engineering, and Building inspections in the automated process of creating a notification map, mailing list, and mailing labels. Output generates emails all of the PDF and XSLX to the typed in email.
- **City of Wylie - Alexa / Google Voice Query** – Alexa and Google Voice powered interface for GIS queries. This utilizing new NG-911 data to query intersects and buffers for the input information.

## EDUCATION

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### UNIVERSITY OF NORTH TEXAS

- Major: **Geography**
- Certification: **GIS**
- Achieved Dean's List Recognition

## RELATED EXPERIENCE

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Self-employed – McKinney, Texas 2014-Present

### GIS Consultant

- Developed software and web-applications.
- Conducted spatial analysis and produced maps and data reports.
- Automated GIS and System Processes

City of Plano - Plano, Texas 2016-2018

### GIS Technician

- Developed Automated QA/QC Python Tools to ensure data quality
- Developed the Soundex Web Application to assist Planning Techs with their street name approval process
- Developed the Notification Tool Python Add-In to assist Planning, Engineering, and Building Inspections departments with notification letters and maps for council

City of Wylie - Wylie, Texas 2018-Present

### GIS Analyst / Manager

- Implemented multi-machine ArcGIS Enterprise Deployment with Active Directory integration for automated account created for users and groups. Integrated syncing between ArcGIS Online and Open Data Site.
- Developed the Emergency Management Application (Portal Auth) that integrates Vector Tile base maps for multi-level floorplans, 2D / 3D integration for Drone data, and point and polygon features for field work.
- Implemented GIS based drone processing software and practices into general city functions.