

Resume

Personal Information

First Name: Wenyi
Last Name: Tang
Date of Birth: 07.23.1992
Home Address: 48-502, Xiang Cheng 2nd Garden,
Run Yuan Rd, Suzhou, 215000
Contact: 13205194723
E-mail: wytang23@126.com



Education

2015.8 – 2017.6 Saint Mary's University of Minnesota
Geographic Information Science Master of Science GPA: 3.9/4.0

2010.9 – 2014.6 Hohai University
Geographic Information System Bachelor

Self-assessment

I have more than 7 years' experience on using ArcGIS software. I am proficient in using ArcGIS Desktop and ArcGIS Online to create products. I am also good at developing ArcGIS add-on functions. I worked for Geocove, Inc in Buffalo after I got my Master's degree. I was responsible for GIS tech support for local governments and had successfully completed more than 10 projects, which made me got highly appreciated by the local government.

I am a passionate developer and a quick learner. During my free time, I learned JavaScript by myself and created an online portfolio.

I have strong power on implement. I fully understand how to complete a project on time by creating a schedule and working through it.

I am a coherent person and good at communication. I was responsible for customer demands for local projects. I was also responsible for technical presentation on the company's annual American User Conference meeting.

I am passionate on work. I was on charge of preparing for the company's lunch and learn meeting, which is held twice a month.

Once starting my work, I would like to quickly develop my ability of development, cooperation and management within one year by collaborating with my workmate and learning. I also want to learn more about the development of GIS in China. With further understanding on the latest information, my goal is to be promoted as a project manager and get success with my team.

Working Experience

2017.10 – 2018.6

Geocove, Inc

GIS Developer

Buffalo, NY

Geocove, Inc is an official cooperative company of ESRI. The primary product of Geocove is Arm360, which supports FEMA damage assessment information. Geocove also provides GIS tech support for governments like Tonawanda, Erie, Grand Island, Osceola, Lee, Town of Palm Beach, etc

Responsibility

Be responsible for GIS tech support for Tonawanda government

- Created and maintained GeoDatabase
 - Analyzed data, created databases like parcel, high way, signs and poles, cemetery and garden information. Maintained more than 20 databases
- Created GIS maps and parcel reports
 - Created Tonawanda Parcel Information map, Tonawanda Cemetery map, Tonawanda Signs and Poles map, Lee county Population map, Town of Palm Beach Underground Construction map, etc. Created online maps for co-workers
- Developed customized widgets and applications based on ArcGIS WebAppBuilder
 - Created Tonawanda Aerials App, which supports comparison of Tonawanda Historical Aerials maps
 - Created Tonawanda Parcels App, which provides online management on parcel information. Created customized widget which allows user to compare different parcel data by data type
 - Created Tonawanda Cemetery App, which provides an online management system and a solution for mobile data collection
 - Created Kenmore 2018 Garden Tour Registration System, which allows user to register personal garden information online. Saved a lot of time on investigation
- Developed customized scripts based on customer demands
 - Developed parcel automation script and registered it as daily task. This script updates parcel data automatically, saves more than one hour for operator every day
 - Develop Event Setter for Arm360. The script shows event data on the widget by querying and reading Json files. This widget allows non-GIS user to search and manage current primary event easily

2013.05 – 2013.06

Jiangsu Provincial Bureau of Surveying Mapping and Geoinformation

GIS Intern

Nanjing, Jiangsu

Responsibility

Be responsible for data processing and information checking

- Map World project for Changzhou
 - Be responsible for checking building information on south of Changzhou
- Vectorization for raster data

Project Experience

- Event Setter Widget
 - This widget is a part of Arm360
 - This widget was created by using ArcGIS API for JavaScript. The script shows event data on the widget by querying and reading Json files. This widget allows non-GIS user to search and manage current primary event easily

- Tonawanda Parcel Web App
 - Created online maps based on the parcels data and the aeriels data
 - Created parcel web app by using ArcGIS WebAppBuilder and JavaScript
 - Developed customized widgets, like layer swipe and group filter, for convenient on turn on and turn off multiple layers
- Parcel Automation
 - Created python script to calculate and update parcel data from shapefiles by reading xml files
 - Registered the script as a daily task, saved more than one hour for operator on updating data every day
- Kenmore 2018 Garden Tour Registration
 - Based on Geoform, created Kenmore 2018 Garden Tour Registration System, which allows user to register personal garden information online. Saved a lot of time on investigation
 - Based on garden information, created Garden Tour Guide Map by using Story Map to provide online access
- Tonawanda Cemetery
 - Created cemetery database and set domain for fields. Simplified the work steps to improve work efficiency
 - Created cemetery map and web app to manage and display cemetery data
- MFM Population Reports
 - Created reports for population forecast model by using Arctools like spatial join and summary statistic

Skills

- ArcGIS:
 - Be proficient on using ArcGIS Desktop and ArcGIS Online
 - Be accomplished in developing using WebAppBuilder for ArcGIS (developer)
 - Be good at developing python scripts based on ArcGIS
 - Be expert in developing based on ArcGIS API for JavaScript
- Back-end:
 - Be familiar with python and C#
- Front-end:
 - Be good at JavaScript, HTML5 and CSS3
 - Understand frameworks like Bootstrap and AngularJS
- Database:
 - Be expert in data processing of geodatabase
 - Be good at SQL statements