Kevin Piraino

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EDUCATION

2014 - 2016	**M.S. Geographic Information Science**
	Michigan State University, East Lansing, Michigan
2010 - 2014	**B.S. Earth and Environmental Sciences, Human and Environmental Sciences**
	Indiana State University, Terra Haute, Indiana

SKILLS

Operating Systems:
- Windows
- Linux

Database:
- PostgreSQL
- ArcSDE
- MySQL
- SQL Server

GIS/Remote Sensing:
- ESRI ArcGIS, Arc Catalog, ArcGIS Server, ArcGIS Online, Arc Collector
- Quantum GIS
- eCognition
- AutoCAD
- Trimble GPS

Statistics:
- R Statistical Software

Programming Languages:
- Python   - SQL
- JavaScript   - C#
- HTML / CSS   - VB.Net

EXPERIENCE

Feb. 2017 – Present	**Geospatial Analyst,** *DuPage County, Wheaton, IL*
	· Maintain and update in-house desktop GIS applications and scripts
	· Create geoprocessing / data conversion scripts
	· Publish and maintain many GIS web services and ArcGIS Online web maps and applications
	· Create and maintain stormwater spatial databases and datasets
	· Update and maintain Stormwater's individual website
	· Assist in flood inundation and flood plain mapping procedures
	· Data and map creation upon request
	· Assist in required field work
May 2016 – Feb. 2017	**GIS Specialist,** *Bruce Harris and Associates, Batavia, IL*
	· Creation and publication of GIS Web Services via ArcGIS Online and ArcGIS for Server
	· Creation of ETL processes through the use of python for delivering updated data to relational databases that feed live web based GIS services to the public
	· Assist in management of SQL server databases for the use of web GIS services
	· Lead position for Special Projects department at Bruce Harris & Associates
	· Digital creation and analysis of spatial data for various special projects relating to many facets of local government
	· Lead and assist in Parcel Fabric data conversions and implementation for many small and large scale municipal entities

Aug. 2014 – May 2016	<u>Teaching / Research Assistant,</u> *Michigan State University*
	· Directly taught or assisted in the teaching process of several courses.
	· GEO 206 / 206L – Physical Geography / Physical Geography Laboratory
	· GEO 221 – Introduction to Geographic Information

May – Aug 2015	<u>GIS Intern,</u> *City of Naperville, IL*
	· Georeferenced and digitized homes, buildings, parking lots, roads, subdivisions, parcels, storm water infrastructure, and transportation data
	· Worked with team to create web maps and applications using ArcGIS Online & Arc Collector for transportation data collection
	· Created temporal parking rate maps for the city
	· Documented metadata and workflow for web application and data creation methods

May – Aug 2013 / 2014	<u>Seasonal Road Maintenance Crew,</u> *DuPage County Forest Preserve, IL*
	· GPS Mapping of storm water infrastructure in Forest Preserve Parks
	· Data management of GIS data in ArcGIS
	· Creation of storm water infrastructure maps
	· Assisted other employees with GIS data collection and maintenance of storm water infrastructure
	· Assisted road crew in street and parking lot maintenance in Forest Preserve Parks

REFERENCES

Ashton Shortridge:	**Eva Cancino**	**Colin Russell**
· Advisor / Professor	· GIS Analyst	· Director of GIS Services & Operations
· Michigan State University	· City of Naperville, IL	· Bruce Harris & Associates
· ashton@msu.edu	· CancinoE@naperville.il.us	· 630-485-0827
· 517-432-3561	· 630-548-1318	