Kevin Piraino

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EDUCATION

2014 -May 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, Terre Haute, Indiana

SKILLS

Operating Systems:
-Windows
-Linux

Database:
-PostgreSQL
-ArcSDE
-MySQL
-SQL Server

GIS/Remote Sensing:
-ESRI ArcGIS, ArcCatalog, ArcGIS for Server, ArcGIS Online, Arc Collector
-Quantum GIS
-ERDAS Imagine
-eCognition
-AutoCAD
-Trimble GPS

Statistics:
-R Statistical Software

Programming Languages:
-Python   -SQL
-JavaScript   -HTML
-CSS

EXPERIENCE

May 2016 - Current	**GIS Specialist,** *Bruce Harris & 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. 2015 – May 2016	**Research Assistant**, *Michigan State University* - Quantifying vegetation change in Michigan critical dune areas - Use of eCognition to segment and classify aerial photography of Michigan costal dune fields

May 2015 – 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
Aug. 2014 – Present	<u>Teaching Assistant</u>, *Michigan State University* - GEO 206 – Physical Geography: TA for course, created quizzes and tests, graded quizzes, tests, and other assignments - GEO 206L – Physical Geography Laboratory: Instructor for course, prepared lectures, administered tests, graded tests and lab assignments, led instructional field trips, taught non-GIS users basic GIS and ArcGIS tools and functions - GEO 221 – Introduction to Geographic Information: TA for course, graded quizzes and other assignments, technical assistance GIS related information
May – Aug. 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 - Sole employee responsible for GIS data collection and maintenance of storm water maintenance data in road crew - Assisted road crew in street and parking lot maintenance in Forest Preserve Parks
May – Aug. 2013	<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

<u>Ashton Shortridge</u>	<u>Jim Lawlor</u>	<u>Eva Cancino</u>
- Advisor/Professor	- Operations Manager	- GIS Analyst
- Michigan State University	- City of Naperville, IL	- City of Naperville, IL
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