

Kevin Piraino

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EDUCATION

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|----------------|---|
| 2014 -May 2016 | M.S. Geographic Information Science, <i>Michigan State University, East Lansing, Michigan</i> |
| 2010 - 2014 | B.S. Earth and Environmental Sciences, Human and Environmental Sciences, Indiana State University, Terre Haute, Indiana |

SKILLS

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|---|--|---|
| <u>Operating Systems:</u>
-Windows
-Linux | <u>GIS/Remote Sensing:</u>
-ESRI ArcGIS, ArcCatalog, ArcGIS for Server, ArcGIS Online, Arc Collector
-Quantum GIS
-ERDAS Imagine
-eCognition
-AutoCAD
-Trimble GPS | <u>Statistics:</u>
-R Statistical Software |
| <u>Database:</u>
-PostgreSQL
-ArcSDE
-MySQL
-SQL Server | | <u>Programming Languages:</u>
-Python -SQL
-JavaScript -HTML
-CSS |

EXPERIENCE

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| May 2016 -
Current | <u>GIS Specialist, Bruce Harris & Associates, Batavia, IL</u> <ul style="list-style-type: none">- 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 | <u>Research Assistant, Michigan State University</u> <ul style="list-style-type: none">- 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 GIS Intern, 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 Teaching Assistant, 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 Seasonal Road Maintenance Crew, 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 Seasonal Road Maintenance Crew, 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

- Advisor/Professor
- Michigan State University
- ashton@msu.edu
- 517-432-3561

Jim Lawlor

- Operations Manager
- City of Naperville, IL
- LawlorJ@naperville.il.us
- 630-305-5326

Eva Cancino

- GIS Analyst
- City of Naperville, IL
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