

Kevin Piraino

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EDUCATION

2014 -May 2016 (Expected)	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

<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		<u>Programming Languages:</u> -Python -JavaScript -SQL -HTML

EXPERIENCE

Aug. 2015 – Present	<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	<u>GIS Intern, City of Naperville, IL</u> <ul style="list-style-type: none">- 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, Michigan State University</u> <ul style="list-style-type: none">- 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

- Inspection Team Supervisor
- City of Naperville, IL
- LawlorJ@naperville.il.us
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Eva Cancino

- GIS Analyst
- City of Naperville, IL
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