Patrick McKinney
Cartographer & Developer

I am a geographer interested in telling the stories of communities through maps and technology.

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(724) 840-9074 📞
Mechanicsburg, PA 📍

🏢 Work Experience

Lead GIS Analyst/Developer
Cumberland County, Pennsylvania

📅 April 2013 - Ongoing   📍 Carlisle, PA

- Developing JavaScript/HTML5 web map applications
- Automating workflows by writing Python scripts and utilizing Windows scheduled tasks
- Building custom ArcGIS Desktop geoprocessing tools with ArcPy and Python
- Providing technical assistance to County departments and municipal partners

Developer & Client Support
Wanna Pixel Inc.

📅 April 2015 - September 2017   📍 Mechanicsburg, PA

- Built websites on Wordpress from design mock-ups using a standard build procedure
- Developed custom functionality on websites using JavaScript
- Reviewed websites on multiple desktop and mobile views to document bugs and other issues with sites

Countywide Planner
Lancaster County Planning Commission

📅 December 2011 - April 2013   📍 Lancaster, PA

- Designed maps for transportation, recreation, environmental, tourism, and historic program areas
- Performed spatial analysis for land use and transportation planning
- Assisted with maintenance of website

</> Programming Languages

	Skill
HTML	●●●●○○
CSS	●●●●○○
JavaScript	●●●●○○
Bootstrap	●●●●○○
Esri JS API	●●●○○○
Leaflet.js	●●●●○○
Python	●●●●○○
ArcPy	●●●●○○
Git	●●●●○○

🖥 Software Packages

	Skill
ArcGIS Desktop/Pro	●●●●●○
ArcGIS Enterprise	●●●●○○
ArcGIS Online	●●●●●○
Microsoft Office	●●●●●●
Adobe Illustrator	●●○○○○
Wordpress	●●●○○○
Drupal	●●○○○○

🎓 Education

M.S. in Geography
Indiana University of Pennsylvania
📅 September 2009 - May 2011

B.A. in Earth Sciences
Millersville University of Pennsylvania
📅 September 2003 - December 2007