





Patrick McKinney

Cartographer & Developer



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

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Mechanicsburg, PA 

Work Experience

GIS Specialist



Cumberland County GIS

 April 2013 - Ongoing  Carlisle, PA

- ◆ Developing JavaScript/HTML5 web map applications
- ◆ Automating workflows and weekly data updates through development of Python scripts
- ◆ Designing maps for departments and municipal partners
- ◆ Maintaining datasets in an enterprise geodatabase

Developer & Client Support

Wanna Pixel Inc.

 April 2015 - October 2016  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

HTML	●	●	●	●	○	○
CSS	●	●	●	●	○	○
JavaScript	●	●	●	○	○	○
Bootstrap	●	●	●	○	○	○
jQuery	●	●	○	○	○	○
Leaflet.js	●	●	●	●	○	○
Python	●	●	●	○	○	○
ArcPy	●	●	●	●	○	○
Git	●	●	○	○	○	○


Software Packages

ArcGIS Desktop	●	●	●	●	●	○
ArcGIS Server	●	●	●	●	○	○
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