





Patrick McKinney

Cartographer & Developer



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

pmacmaps.github.io 
patrick.n.mckinney@gmail.com 
(724) 840-9074 
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

Programming Languages

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


Software Packages

ArcGIS Desktop	●	●	●	●	●	○
ArcGIS Server	●	●	●	●	○	○
ArcGIS Online	●	●	●	●	●	○
Trimble Pathfinder Office	●	●	●	○	○	○
Microsoft Office	●	●	●	●	●	●
Adobe Illustrator	●	●	○	○	○	○
Adobe Photoshop	●	●	○	○	○	○

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

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

AmeriCorps Member & Consultant

Indiana County Parks & Trails

 August 2008 - August 2010  Indiana, PA

- ◆ Mapped hiking trails network and rail-trails using recreation-grade GPS
- ◆ Designed maps of park facilities
- ◆ Designed promotional materials for park system
- ◆ Provided technical support to staff