# Lauren Winkler, GISP

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| **Experience:** | **GIS Specialist and Systems Analyst**　　　　　　　　**2004-present** |
| | **Michael Baker International, Moon Township, PA** |
| | • Mastery in all phases of the software development life cycle |
| | • Designed award-winning maps for high-visibility local and federal government clients |
| | • Worked as part of an Agile software development team that designs web and desktop mapping applications |
| | • Served as product owner to translate client requirements into technical specifications and designed UI mockups and technical requirements for mapping applications and coordinated with developers to implement, test, and document those applications |
| | • Developed processes, models, and templates to streamline GIS data and map development |
| | • Administered SDE geodatabases |
| **Publications and Projects:** | **Cartographer**　　　　　　　　**2015-present** |
| | • Designed web map and poster to accompany the book, *Pittsburgh's Bridges*, presented at the North American Cartographic Information Society conference in 2015 and 2016 |
| | • Designed maps showing the evolution of Pittsburgh's roads, presented at the North American Cartographic Information Society conference in 2016 |
| | • Designed maps for the book, *Squirrel Hill: A Neighborhood History*, published June 2017 |
| | • Designed index map for the book, *Pittsburgh's Bridges*, published October 2015 |
| | • Designed maps for North Coast Community Homes |
| | **Citizen Map Maker and Local Guide**　　　　　　　　**2011-present** |
| | **Google Maps, Google Map Maker** |
| | • One of the first top mappers in the United States, improving Google Maps by adding local knowledge, photos, photospheres, and reviews |
| | • Trusted Tester who reviewed new functionality before it was released to the public |
| **Education:** | **University of Wisconsin-Madison, Madison, WI**　　　　　　**2017-present** |
| | • Pursuing Online M.S. in GIS and Web Map Programming |
| | **University of Kentucky, Lexington, KY**　　　　　　　　**2015-2016** |
| | • Graduate Certificate in Digital Mapping from the New Maps Plus program |
| | • GPA: 4.0/4.0 |
| | **Carnegie Mellon University, Pittsburgh, PA**　　　　　　**2002-2005** |
| | • B.S. in Information Systems, Communication Design Concentration, with University Honors |
| | • Minor, French and Francophone Studies |
| | • GPA: 3.93/4.0 |
| **Certifications and Memberships:** | • Certified Geographic Information Systems Professional, 2013-present |
| | • Member, North American Cartographic Information Society, 2014-present |
| **Software Proficiencies:** | • Esri ArcGIS for Desktop and Server; QGIS; GitHub; Leaflet.js; Mapbox.js; HTML; CSS; Google Map Maker; JIRA; Confluence; Illustrator; Photoshop; Microsoft Office |
| **Awards and Honors:** | • Selected Presenter, Google Map Maker North America Summit, 2012 |
| | • Selected Participant, Google Geo User Summit United States, 2011 |
| | • Map Gallery Award in Data Integration Category, Esri User Conference, 2006 |
| | • Small Undergraduate Research Grant, Carnegie Mellon University, 2004 |
| | • Presidential Scholarship, Carnegie Mellon University, 2002 |