

Lauren Winkler, GISP

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Professional Experience:	GIS Specialist and Systems Analyst 2004-present Michael Baker International, Moon Township, PA <ul style="list-style-type: none">• 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 for enterprise web and mapping applications into technical specifications and UI mockups, 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:	Independent Web and Print Cartographer 2015-present <ul style="list-style-type: none">• Designed web mapping application, historic address locator, and Sanborn map explorer for Homestead Hebrew Maps• Designed web mapping application and poster showing the evolution of Pittsburgh's bridges, accompanying the book, <i>Pittsburgh's Bridges</i>, presented at the North American Cartographic Information Society conference in 2015 and 2016• Designed maps for three Arcadia Publishing books, 2015-2018 Citizen Map Maker and Local Guide 2011-present Google Maps, Google Map Maker <ul style="list-style-type: none">• 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 2017-2018 <ul style="list-style-type: none">• M.S. in Cartography and Geographic Information Systems• GPA: 4.0/4.0 University of Kentucky, Lexington, KY 2015-2016 <ul style="list-style-type: none">• Graduate Certificate in Digital Mapping from the New Maps Plus program• GPA: 4.0/4.0 Carnegie Mellon University, Pittsburgh, PA 2002-2005 <ul style="list-style-type: none">• B.S. in Information Systems, Communication Design Concentration, with University Honors• Minor, French and Francophone Studies• GPA: 3.93/4.0
Certifications and Memberships:	<ul style="list-style-type: none">• Certified Geographic Information Systems Professional, 2013-present• Member, North American Cartographic Information Society, 2014-present
Software Proficiencies:	<ul style="list-style-type: none">• Esri ArcGIS Desktop and Server; QGIS; HTML; CSS; JavaScript, Leaflet; ArcGIS Online; CARTO; GitHub; Jira; Confluence; Illustrator; Photoshop; Microsoft Office
Awards and Honors:	<ul style="list-style-type: none">• Selected Presenter, North American Cartographic Information Society, 2019• 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