

Andrew Wiseman

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Professional Experience:

Apple, Inc., August 2015 – Present

The George Washington University Department of Geography, January 2015 – Present

Adjunct professor teaching undergraduate and graduate students GIS and cartography skills.

US Agency for International Development, November 2008 – August 2015

Senior member and supervisor of the Office of Transition Initiatives' Data Analysis Team; worked in Afghanistan, Pakistan, Haiti and Honduras on mapping, cartography, data collection, and training projects. Received multiple agency awards.

Government of the District of Columbia, July 2005 – Nov. 2008

Worked in the Office of Tax and Revenue and DCGIS office creating maps, collecting and QA/QCing GIS data and responding to emergencies.

Projects:

Co-founder, MaptimeDC, which trains anyone on mapping and data tools:

<https://www.meetup.com/Maptime-DC/>

Organizer, Georgia Avenue Youth Ambassadors mapping project, where 20 middle and high school students mapped Georgia Avenue in Washinton, DC on OpenStreetMap:

https://wiki.openstreetmap.org/wiki/Georgia_Avenue_Youth_Ambassadors_Mapping_Project#People_involved

Writer, DCist.com; The Onion's Washington, DC A/V Club; New Columbia Heights:

newcolumbiaheights.com; Curbed: dc.curbed.com; Spotted By Locals: spottedbylocals.com

Volunteer, HumanitarianOpenStreetMap Team and Missing Maps Project: www.hotosm.org, www.missingmaps.org

Awards:

- USAID [Superior Honor](#) Group Award, 2014
- FOSS4G-US Open Source Map Award, 2014
- USAID/OTI Washington Team of the Year Award, 2013
- USAID/OTI Innovation Award, 2013
- USAID Learning Improvers Program, 2013 – selected for \$40,000 grant for improving tools
- USAID Meritorious Honor Group Award, 2010
- USAID Meritorious Honor Group Award, 2009
- Two maps selected for the annual ESRI Federal Map Book

Conference Presentations:

- State of the Map Africa, Kampala, Uganda, 2017: “Advanced editing, validation and community building with JOSM and other cool tools”
- State of the Map US, Seattle, 2016: “Using OpenStreetMap for Neighborhood Development and Feedback”
- Association of American Geographers Annual Meeting, Los Angeles, 2013: “Teaching students to map the bus system in Tegucigalpa, Honduras”
- ESRI Federal Users Conference, Washington, 2011: “Mapping in a small shop, a case study with USAID/OTI”
- Worldwide Human Geography Data Working Group, San Diego, 2011: “Mapping for disaster response in Haiti with USAID/OTI”
- Five presentations at GeoDC, a Washington, DC GIS and mapping meetup group

Education:

The George Washington University, Washington, DC

1999-2002

Bachelor of Arts in Geography, Minor in Political Science. Focus on urban and regional geography, GIS and cartography.

University of Wisconsin, Madison, WI (online)

2016-present

Master of Science in GIS and Web Map Programming, in progress. Focus on coding, web design, web cartography and GIS development.

Technical Proficiencies:

- ESRI ArcGIS 10, 9 and 8, Spatial Analyst and ArcView 3
- QGIS, TerraGo GeoPDF, GPS units, GPS cameras. Some experience with CartoDB, Mapbox Studio and Tilemill
- OpenStreetMap, iD Editor and JOSM, Overpass-Turbo, OSMCHa, MapRoulette, OSM apps and QGIS OSM Plugin
- Google Earth, Google My Maps and KML
- Adobe Photoshop and Illustrator, GIMP and Inkscape
- Microsoft Access and Office suite
- Social media: Twitter, Facebook, Tumblr, Instagram, Foursquare/Swarm, etc.
- Github, HTML and Wiki software and markup language
- Introductory Drupal and CSS
- Professional working Spanish proficiency

Professional Training:

- ESRI Training in ArcGIS 3.x, 8.x, 9.x, 10.x
- Google Training of Trainers for Google Earth
- USAID Working with the Military Training
- US Embassy Spanish Classes, Honduras
- Counter-Insurgency Training Center — Afghanistan, Camp Julien, Afghanistan

Selected Writing:

"When Maps Lie," *Atlantic City Lab*.

<http://www.citylab.com/design/2015/06/when-maps-lie/396761/>

"OpenStreetMap responds in Nepal," *OpenSource.com*.

<https://opensource.com/life/15/5/nepal-earthquake-hfoss>

"Myths and Facts about DC's Street System," *Curbed*. <http://dc.curbed.com/2014/8/13/10061100/facts-and-myths-about-dcs-street-system>

"The Georgia Avenue Youth Ambassadors Mapping Project," *OpenStreetMap Wiki*.

http://wiki.openstreetmap.org/wiki/Georgia_Avenue_Youth_Ambassadors_Mapping_Project