

Hi!

My name is Jonah, a Cartographer from Newport News, Virginia. I've been working with GIS technology since 1999, learning and applying my skillsets with local governments, federal agencies, and most recently as a consultant.

I am currently looking for a position as a cartographer, designer, or data wrangler. Would prefer a company that uses mainly open source tools and is interested making the planet better :)

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Notable Projects, Talks, & Links

- [My OSM Stats](#)
- [Paid Mappers](#)
- [Haunted How-To](#)
- [The Purple Mixtape](#)
- [Hampton Police Open Data](#)
- [Re-Districting Virginia](#)
- [Making Great Maps](#)
- [Amazing-er Maps](#)
- [Open Noland Trail](#)
- [House Hunters Mapbox Studio Style](#)
- [Basemaps For Cats](#)
- [Commonwealth](#)
- [Custom Basemaps How-To](#)
- [Weekend Update](#)
- [OpenStreetMap, OpenData, & You](#)
- [Interview with GeoHipster](#)

Extra Credit - [My 11yr Olds OSM Presentation](#)

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Volunteer Efforts

- [Maptime! HRVA](#) - Founder and co-organizer.
- [Code for Hampton Roads](#) - Local Code For America Brigade.
- [VAMLIS](#) - Former Vice President 2013-2015, Virginia Association of Mapping & Land Information Systems
- [fyeahGIS](#) - tumblr dedicated to sharing & helping with GIS, over 1,000 followers.

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Social Media

- [Twitter](#)
- [GitHub](#)
- [Blog/Portfolio](#)

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What I Know Well

Mapping & Design - Esri ArcGIS Software Suite, qGIS, OpenStreetMap, JOSM, Global Mapper, TileMill, Mapbox Studio, CartoDB, Adobe Photoshop, Google Earth, Crystal Reports

Databases - Oracle, SQL Server, SDE, (starting to learn PostGIS)

Libraries - Leaflet.js, jQuery, Mapbox.js, CartoDB.js

Basic Coding - HTML, CSS, CartoCSS

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Where I've Been Published

2006 - Maxim Magazine October Issue, Naval Station Norfolk Directory

2007 - Naval Station Norfolk Directory, Esri Map Book, Volume 22

2010 - Esri GIS for BIM Map Book, Chronic D'Art July Issue, Daily Press August 22nd Edition, [io9.com](#), [EW.com](#)

2011 - Esri Mapping the Nation, Series : Une Addiction Plantaire

2012 - Esri Mapping the Nation, [Strange Maps #578](#)

2013 - L'Amerique Des Image, Esri Mapping the Nation

2014 - Esri Mapping the Nation

2015 - Esri Mapping the Nation, GeoHipster Calendar & Sticker

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Awards

2006 - Esri UC 2nd Place Best Design, Esri UC 3rd Place Most Unique

2008 - Esri Beta Program Silver Award

2011 - Esri UC 3rd Place User Application Fair

2013 - Esri UC 2nd Place Most Unique, Virginia GIS Conference 1st Place Overall, FOSS4G Runner Up Cartography

2014 - FOSS4G Runner Up Cartography, GISP Poster Contest People's Choice, GISP Poster Contest 2nd Place Overall, Honorable Mention - Atlas of Design Volume II

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Experience

SENIOR GEOSPATIAL ANALYST - Geographic Information Services, Inc. August 2012 to present
Newport News, Virginia

Cartography UI/UX Design Data Wrangling

Designs map services with ArcGIS Desktop for integration with ArcGIS Server; creates and designs Crystal Report modules for use in web applications; and provides user interface (UI) design support for enterprise GIS applications.

- Communicating Big Data
- Dynamic Map Books

LEAD GIS ENGINEER - BAE Systems, Inc.

March 2010 to August 2012

Newport News, Virginia

Cartography 3D Modeling Raster Processing Imagery Analysis

Develops Gaming Terrains, Simulations, and associated products for use in military training. Collects and processes vector data and imagery using industry geospatial tools. Serves as SME for geospatial software.

- Fort Benning VBS2 Level
- Rolla, Missouri VBS2 Level
- Fort Lewis VBS2 Level

GIS ANALYST/INSTRUCTOR - AECOM

July 2008 to March 2010

Langley AFB, Virginia

Cartography Education Data Wrangling Database Administration

Coordinated GIS operations for Langley Air Force Base. Administered geospatial database in conjunction with Air Combat Command HQ. Subject Matter Expert for geospatial technology. Authorized Esri instructor for ACC HQ, educated over 200 airmen ACC wide in Esri technology.

SENIOR GIS SPECIALIST - City of Hampton

May 2002 to July 2008

Hampton, Virginia

Cartography Data Wrangling Database Administration Server Administration

Implemented and operated city-wide GIS System and databases. Administered GIS software contracts. Designed and developed official city standard maps such as: Historically Underutilized Business (HUB) zones, Enterprise zones, parcel and assessment, street centerline, and economic development areas.

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