HOLLY ORR

linkedin.com/in/orrholly | hollyorr.info | orrholly@gmail.com

PROFESSIONAL SUMMARY

A Swiss Army Knife :: I love the challenge and constant learning curve of technology.
A collaborative technologist at the intersection of technology, design, and business strategy.

SKILLS

Development ::

JavaScript, Python, JSON, XML, CSS, HTML, WordPress, VB.NET, C#, ASP.NET, wireframing, personas

Database / Server Management ::

AWS, Linux, PostgreSQL, SQL, SQL Server, backup/recovery, triggers, stored procedures

Geospatial ::

QGIS, Carto, ArcGIS, Leaflet, PostGIS, SDE, GeoServer, ArcGIS Server, GDAL

Agile ::

Jira, Git/GitHub, Slack

Data Stewardship ::

metadata, controlled vocabularies and taxonomies, folksonomies, card sorting

Teaching ::

Adjunct GIS Professor Hunter College and NYU CUSP, employee trainings, online tutorials

Data Visualization ::

D3.js, Photoshop, Illustrator, Premiere, Gephi

WORK HISTORY

SEPTEMBER 2016 - OCTOBER 2017

Senior Technical Manager | OpensCG / BigSQL | East Brunswick, NJ

Serving as project manager, primary content creator, WordPress developer, and designer. Engaged sales, marketing, and support teams for corporate rebrand to refocus business proposition on time and under budget. Analyzed market trends and the competitive landscape in the geospatial/PostgreSQL marketspace to develop and evolve the roadmap for PostGIS OSX and Linux distributions as part of BigSQL pgDevOps product. Scrum Master at daily standup meeting.

AUGUST 2015 - SEPTEMBER 2016

Product Manager | New York University | New York, NY

Implemented cost cutting architecture (AWS cloud hosting and LAPP backend). Set-up Jira and Agile processes, maintained project roadmaps, and strengthened client/team communication. Developed web application to track Tobacco selling violations. Gathered detailed use cases and requirements for team projects through regular on-site visits and virtual meetings with external collaborators.

OCTOBER 2011-AUGUST 2015

Instructional Technologist - Geospatial Specialist | New York University | New York, NY

Product manager of content and media for online course offerings. Collaborated with NYU faculty to develop the first synchronously taught global courses in New York. Awarded Google GeoEDU Curriculum Grant. Led the development team that created the web and mobile user interfaces for Android Walking Tour app.

APRIL 2014 - JANUARY 2015
Information Management Consultant | NASA / German Aerospace Center/ Columbia University
Navigated complex data compliance environment by prototyping a web-based system to connect NASA and DLR scientists and project managers while protecting privacy. Created audit report with recommendations to increase collaboration through change management and metrics to measure success.

JANUARY 2010-JANUARY 2011
DBA / Developer | NYC DOE Office of Pupil Transportation | New York, NY
Increased $1billion budgeting accuracy by developing a web portal built to better visualize data and optimize routing. Improved data sharing across the world's largest school bus transportation system by developing and implementing processes for Extract, Transform, and Load (ETL). Saved 20% in Pre-K busing by building a bus contract-bidding tool.

JANUARY 2008-JANUARY 2010
GIS Developer / Analyst / Helpdesk | NYC Department of City Planning | New York, NY
Provided support (analysis, data acquisition, technical) for all five borough-planning agencies. Led bi-monthly user GIS group meetings and trainings for City Planning staff. Developed and maintained processes for automated data updates.

JANUARY 2004-JANUARY 2008
DBA / Data Steward / Developer | King County Permitting and Planning | Seattle, WA
Configured and administered SQL Server databases. Created systems to require updates to all metadata and data dictionaries.

JANUARY 2001-JANUARY 2004
GIS Data Steward / Lead Developer | Thurston County Geodata Center | Olympia, WA
Developed a web portal providing parcel, tax, and environmental data to the general public. Established data integrity management methodology. Designed and taught GIS training courses.

EDUCATION

Master of Science: Information and Knowledge Strategy - Columbia University, New York, NY
GPA 4.5

Bachelor of Arts: Political Science / Geography - Temple University, Philadelphia, PA
PHi Beta Kappa; summa cum laude; Political Science Award for Excellence, GPA 3.83

CERTIFICATIONS

Certified Scrum Master – Scrum Alliance
Certificate in Computer Programming - North Seattle Community College – GPA 3.99
Certificate in Geographic Information Systems – University of Washington

PUBLICATIONS, PRESENTATIONS, AND GRANT

Visualizing Student Metrics Using Carto - Learning Analytics Summer Institute - 2016
The Original Rainbow: Putting the LGBTQ Community on the Map - GeoNYC Meetup - 2015
Where the City Meets the Sea: A Global Classroom - Faculty Resource National Symposium - 2014
Using Geospatial Tools to Teach Environmental Science - Google Geo for Higher Ed Summit - 2014
Using ODK in the Classroom - Google Geo for Higher Ed Summit - 2013
Google GeoEDU Curriculum Award - 2013
Optimizing New York City's School Bus Contract Bidding Process - ArcNews - 2012

AFFILIATIONS

Lesbians Who Tech, Product Council, BMCC GISc Advisory Board, PyLadies, GeoNYC, Women Who Code