# Hi! My name is Lyzi Diamond.

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## Things I like to do

1. **Writing** - technical documentation, guides, tutorials, blog posts, presentations, workshops, and anything else that facilitates learning and understanding
2. **Speaking** - formal and informal education, skill sharing, conference talks
3. **Building** - writing scripts and applications to gather data and metrics, developing examples, exploring new tools and APIs
4. **Organizing** - planning and running events, hackathons, mapathons, conferences, unconferences; building and cultivating online communities
5. **Mapping** - web maps, cartography, spatial analysis, geospatial data management, geodesy, GIS, participatory mapping, OpenStreetMap

## Things I use

**Languages** - JavaScript, Python, HTML, CSS, SQL, Markdown (vanilla and GitHub-flavored)
**Tools, frameworks, libraries** - Node, React, Flask, Jekyll, git, GitHub, Leaflet, Mapbox APIs and SDKs, Shapely, Turf.js, GDAL/OGR2OGR, ArcGIS, QGIS

## Where I studied

**University of Oregon, Eugene, OR**
Bachelor of Science in Geography and Planning, Public Policy & Management
Graduated 2011 with departmental honors

## Places I've worked

**Support and Documentation Engineer** at **Mapbox**
*January 2015 - present*
*San Francisco, CA*

- Write  and maintain documentation and examples for Mapbox tools, APIs, and SDKs and other open source modules & libraries
- Manage a direct email support queue of 600 conversations per week
- Determine metrics for success in support and documentation and build systems and tools to measure those metrics
- Train new hires in multiple departments on the Mapbox technology stack
- Conduct trainings, lead workshops and speak at conferences about Mapbox tools

# Places I've worked  (cont'd)

**Executive Director, Board Member** at **Maptime**
*June 2014 - present*
*San Francisco, CA*

- Manage 80+ international Maptime chapters
- Attend quarterly board meetings
- Write and share tutorials and best practices
- Facilitate communication between Maptime chapters and co-organize an annual summit

**Fellow** at **Code for America**
*January 2014 - November 2014*
*San Francisco, CA*

- Worked directly with city government of Lexington, KY to build civic technology projects
- Conducted internal trainings on GIS, web mapping, and spatial analysis
- Contributed to 15+ open source projects
- Organized and conducted trainings for the OpenTrails data standard project in conjunction with Trailhead Labs

**GIS Technician** at **Oregon Department of Geology and Mineral Industries**
*May 2012 - October 2013*
*Portland, OR*

- Conducted spatial analysis for  flood mapping projects on contract with FEMA
- Contributed to the National Hydrography Dataset and National Watershed Boundary Dataset
- Wrote and published regionally used template Discovery Reports and Flood Hazard Reports for FEMA RiskMAP projects
- Led intra-office trainings to teach Python and other technology tools


# Things I've made/written

- **Mapbox API documentation** - I consolidated, consistified, and restructured the Mapbox web services API documentation.
- **How the internet works** - After giving a similar  spiel several times to new Mapbox hires, I drafted this beginner-oriented walk-through of how the internet works (focused on HTTP requests and responses and web APIs).
- **Centroids as a Service** (**GitHub**) - My first web application! This is a small Flask application (web interface and REST endpoint) hosted on Heroku that consumes a GeoJSON file with any geometry and returns a GeoJSON file of centroids.
- **mapbox-support** - A work-in-progress script that iterates through Mapbox's public repositories, retrieves issues opened by non-Mapbox team members, and creates a checklist to make sure each issue is addressed by the Support team.
- **Learn GeoJSON (and build cool collaborative datasets!)** - One of my first Maptime tutorials, this is a hands-on project focused on learning about the GeoJSON data format with git, GitHub, and geojson.io.