

Caroline Glazer

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WORK HISTORY

Starry, Inc. | Boston, MA (Remote)

GIS Analyst Intern

Oct 2020 – Present

- Write SQL and Python scripts to automate processes for improved data quality and maintenance of a >10 million record national address database. Write dbt models to automate ETL pipeline processes.

Jasper Ridge Biological Preserve (Stanford University) | Woodside, CA

GIS Data Analyst

Nov 2019 – Present

- Curate spatial data sets for use in a Social-Ecological Health Assessment of the Santa Cruz Mountains Stewardship Network region. Use PostGIS, Google Earth Engine, ArcGIS Pro, ArcPy, and AGOL to obtain, clean, edit, and update data sets. Develop, design, and maintain GIS layers, user applications, databases, and print materials to organize and display large quantities of data related to the ecological health of the region.

Stanford Jazz Workshop | San Francisco, CA

Program Associate/Marketing Assistant

Jun 2017 – Aug 2019

- As one of eight full-time staff members, I helped run programs for middle/high school students, an annual 4-week/500-student/100-faculty summer workshop, and a summer festival. Responsibilities included: process incoming program registrations, act as primary liaison between students/parents and faculty/staff, manage all volunteer communications, assist in hiring seasonal employees, design print and online materials (e.g. Annual Report, festival collateral, development materials).

PanLex | Berkeley, CA

Programmer and Source Analysis Intern

Jun – Aug 2016

- Wrote Python scripts to reformat and conform dictionary sources to the PanLex standard, input new sources into the PanLex lexical database, wrote a Python wrapper for the PanLex API.

SKILLS

Programming Languages (in order of proficiency): Python, SQL, Javascript, HTML5, CSS3

Technologies: PostgreSQL and PostGIS; QGIS; ESRI ArcGIS Pro and ArcGIS Online; Google Cloud Platform (esp. Google Cloud SDK, App Engine, Google Maps APIs); Google Earth Engine; Python pandas and geopandas; Leaflet; Open Street Map and tools (esp. Overpass API); Adobe Photoshop, InDesign, Illustrator, and Premiere; Linux, Windows, and Mac operating systems

Certifications: Wilderness First Aid

EDUCATION

Foothill College, Los Altos, California

A.A. in Geographic Information Systems Technology

Sep 2019 – Dec 2020

- Cumulative GPA: 4.0/4.0
- Selected courses: Geospatial Data Acquisition and Management, Intro to Database Management Systems, Advanced Spatial Analysis, Cartography, JavaScript for Programmers

Carleton College, Northfield, Minnesota

B.A. in Linguistics, B.A. in Music

2013 – 2017

- Cumulative GPA: 3.6 / 4.0
- Earned "Distinction" for undergraduate musicology thesis on British-American folk song transmission
- Recipient of Exemplary Writing Portfolio award

OTHER EXPERIENCE

California Explorer Search and Rescue (Cal-ESAR), Volunteer

May 2018 – Present

- Cal-ESAR responds to searches and other emergencies throughout Northern California from the Fresno area to the Oregon border and east to Nevada. Cal-ESAR is a resource of the Governor's Office of Emergency Service. I am trained in cross-country navigation, technical rope skills, radio operation, first aid, and backcountry survival.