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Sarah Sampt
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West Hartford, CT

EDUCATION

University of Connecticut, Storrs, CT
B.S. - Geographic Information Science
Computer Science Minor

January 2022 - Present
Expected Graduation: May 2025

University of Arizona, Tucson, AZ

January 2020 - December 2021
Transferred Out

SKILLS

Software: ArcGIS Pro, ArcGIS Online, StoryMaps, Adobe Creative Cloud, Microsoft Office, QGIS

Languages: Python, JavaScript, SQL, HTML/CSS, Pandas, ArcPy, React

Relevant Coursework: GIS, Cartographic Techniques, Data Structures & Object-Oriented Programming, Sustainable Cities, Geomatics/Remote Sensing, Software Engineering, Human Geography

WORK HISTORY

Pharmacy Technician

CVS Health

Canton, CT

July 2020 – January 2022

- Prepared and filled prescriptions.
- Delivered prompt, courteous customer service in a high volume retail setting.
- Addressed patient questions and concerns by providing assistance with order filling, insurance billing, and item location.
- Processed third party claims and resolved coverage rejections.
- Received new prescriptions and used the pharmacy computer system to perform data entry.

PROJECTS

View my portfolio: srsampt.github.io

Zurich Transit Insights: Data Analysis and Spatial Visualization

- *Tools Used:* Python, Pandas, ArcGIS Pro, SQL, ArcPy, Microsoft Excel
- *Skills Used:* Data Analysis, Geospatial Analysis, Database Queries, Joins & Relates, Spatial Statistics

Ongoing project. Conducting in-depth analysis on Zurich's public transportation system using Python & Pandas. Using ArcGIS Pro to visualize these findings, including passenger counts per line & stop, daily averages, & punctuality percentages.

Construction Developments on the UConn Storrs Campus

- *Tools Used:* ArcGIS Pro, StoryMaps, SQL, Adobe Illustrator & Photoshop
- *Skills Used:* Geovisualization, Data Integration, Geospatial Analysis, Buffer & Dissolve Operations

Created an engaging StoryMap focusing on six major construction projects on the UConn campus of the past three decades. Integrated numerous data sources to design a bespoke campus map.

The Impact of Storm Surge on West Haven, CT

- *Tools Used:* ArcGIS Pro, SQL, Adobe Illustrator
- *Skills Used:* Proximity Analysis, Storm Surge Modeling, Spatial Interpolation, Geocoding

Conducted a comprehensive analysis of storm surge effects on a coastal city, pinpointing vulnerable population clusters and critical resources. Presented my findings to my peers.

OTHER RELEVANT EXPERIENCE

Esri Academy Training

- Coursework: Going Places with Spatial Analysis, Basics of JavaScript Web Apps

UConn Experiential Global Learning

- Three-week Sustainable Cities course taught in Zürich, Switzerland.
- Produced a short documentary entitled "Sustaining Minds, Sustaining Cities: Mental Health in Zürich"