Fiona C. Dubay

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Visit my website for a fuller perspective of my work and personality: fionadubay.com

EDUCATION

Sarah Lawrence College   Bronxville, NY
Bachelor of Arts; *Cumulative* GPA: 3.69   May 2024
Concentration: Environmental Science
Honors: Dean's Scholarship, Robert and Elizabeth Saudek Scholarship, Mary Gilbert Endowed Scholarship, Gaylord Donnelley Family Science Scholarship
Relevant Coursework: Environmental Data, Geospatial Data Analysis, Pollution, Watersheds, Microbiology

RELATED EXPERIENCE

NYC's Climate Vulnerability, Impact, and Adaptation Analysis (VIA)   New York City, NY
Student Intern   September 2023 - December 2023
- Created digital maps and visualizations using QGIS software for publication on flood exposure and risk in New York City
- Processed spatial data and databases in vector and raster formats for clear visualization in QGIS
- Communicated and collaborated with other scientists and specialists on the task team
- Assessed the quality of 311 data for analysis and visualization usage

NYC's Panel on Climate Change (NPCC) & VIA   New York City, NY
Summer Fellow   June 2023 - August 2023
- Crafted visualizations on flood exposure in NYC for publication in the NPCC's first chapter specifically focused on flooding
- Sorted and cleaned open-source data from NYC OpenData's site for analysis use
- Handled and refined large, detailed, spatial data files through QGIS
- Utilized Python for cleaning, refining, and visualizing rainfall and tide gauge datasets

Sarah Lawrence Summer Research Program   Bronxville, NY
Environmental Science Intern   June 2022 - August 2022, June 2021 - August 2021
- Assisted supervisor with cleaning and refining rainfall and 311 call datasets
- Produced visualizations with QGIS, Python, and Matplotlib
- Geocoded 311 call data using Google's API

ADDITIONAL EXPERIENCE

Sarah Lawrence College Library   Bronxville, NY
Shift Supervisor & Circulation Assistant   September 2022 - May 2023

VOLUNTEER EXPERIENCE

MESD Outdoor School   Corbett, Oregon
Student Leader   5 weeks, 2017-2019

SKILLS

Technical: Data analysis and visualization, Python including Pandas and Matplotlib, R, QGIS
Non-technical: Strong research and organizational skills, independent problem solving, confident oral/written communication
Interests: Citizen science, knitting and fiber arts, viola, outdoor education, entomology