

violet lingenfelter

275 Lamartine St. Apt 1
Boston, Massachusetts 02130

lingenfelter.v@husky.neu.edu
+1 (831) 245 6572

violetlingenfelter.com
in /violet-lingenfelter

EXPERIENCE

• **DATA VISUALIZATION CO-OP** Arlington, VA
TwoSix Labs | July '19 - December '19
Front-end engineer supporting a national security program focused on the visualization of internet disruptions. Supported data scientists and machine learning engineers to solve cybersecurity challenges

• **GIS DEVELOPMENT CO-OP** Boston, MA
MBTA | June '18 - June '19
Full-stack developer of data-driven web tools that make complex data accessible to non-technical audiences. Specialized in spatial data visualization and spatial analysis

• **GIS ASSISTANT** Boston, MA
Emerald Necklace Conservancy | Jan - June '18
Managed GIS data collection and performs analysis on collected data for park maintenance. Developed map based web and mobile apps for public outreach

• **DRINKING WATER INTERN** Boston, MA
MassDEP | Jan '18 - May '18
Assisted with revising drinking water supply GIS data, as well as reviewing and identifying wellhead protection delineations that require updating. Researches related mapping information and issues, and assists with staff project tasks as needed

• **OCEAN CONSERVATION INTERN** Boston, MA
Environment America | Sept '17 - Jan '18
Managed outreach efforts such as phone banking, petitioning and event planning. Conducted media outreach by contacting reporters, drafting and submitting Letters to the Editor, and organizing and attending press conferences

• **INDEPENDENT GIS PROJECT** Boston, MA
Northeastern University | April '19
Used Python to analyze the effectiveness the Pit Stop Program, a network of city managed public restrooms, with data from the city's 311 program, the US census, and the public works department

EDUCATION

• **NORTHEASTERN UNIVERSITY** Boston, MA
Bachelor of Science | Aug '16 - May '21
Candidate for a Bachelor's of Science in Environmental Science with a minor in Math

HONORS AND AWARDS

Accepted into the University Scholars Program, Northeastern's most prestigious academic community (top 1% of incoming class)

RELEVANT COURSEWORK

GIS, Advanced Spatial Analysis, Big Data for Cities, Biostatistics, Fundamentals of Programming I & II, Global Oceanic Change

• **DIALOGUE OF CIVILIZATIONS** India, Nepal
Study Abroad | May - June '19
Studied climate change risk and resilience with Northeastern faculty and guest lecturers while travelling in India and Nepal. Final project website: violetlingenfelter.com/india-2019/

• **IFALPES FRENCH INSTITUTE** France
Study Abroad | May - June '17
Took French immersion courses while staying with a non-English speaking host family

SKILLS

LANGUAGE

Native English speaker. Studied French for 6 years, earned California State Seal of Bilingual Proficiency



COMPUTER

ArcGIS, QGIS, R, Python, HTML5, CSS3, JavaScript, React, D3, Adobe Suite, exposure to C++, SQL

HOBBIES

Beekeeping - had hives in California from 2008-2016
Bass Playing - plays upright bass in jazz duos and trios