

violet lingenfelter

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EXPERIENCE

- **GIS ASSISTANT** Boston, MA
Emerald Necklace Conservancy | Jan '18 - Present
Manages GIS data collection and performs analysis on collected data for park maintenance. Develops map based web and mobile (Android and iOS) apps for public outreach
- **DRINKING WATER PROGRAM INTERN** Boston, MA
MassDEP | Jan '18 - Present
Assists 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
- **CANVASSING FIELD MANAGER** Santa Cruz, CA
Fund for the Public Interest | June - Sept '17
Hired, managed and motivated teams of 5+ canvassers for door to door campaigns. Worked under pressure and problem solved for the team
- **CAMP COUNSELOR** Santa Cruz, CA
Santa Cruz Natural History Museum | Summer '17
Helped children develop confidence and critical thinking skills in natural sciences. Planned, executed, and supervised camp events, including nature hikes and beekeeping and an understanding of how pollinators work
- **INDEPENDENT GIS PROJECT** Boston, MA
Northeastern University | December '17
Used ESRI's ArcGIS to overlay San Francisco's topography, 311 case data, US census data, and public works data to analyze the effectiveness the Pit Stop Program, a city project

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 Computer Science
 - **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, Biostatistics, Oceans & Coasts, Global Oceanic Change, Ancient Marine Life, Chemistry I, Physics I & II, Fundamentals of Programming I
- **IFALPES FRENCH INSTITUTE** Annecy, 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 Bilingualism
- **COMPUTER**
ArcGIS, QGIS, Racket, LaTeX, R, Python, Microsoft Office, Mathematica, HTML, Adobe Suite, exposure to C++
- **LAB**
Titration, calorimetry, degradation, recrystallization, extraction, filtration, distillation, water sampling
- **HOBBIES**
Backpacking - completed the John Muir Trail in 2015
Beekeeping - had hives in California from 2008 to 2016
Bass Playing - plays upright bass in jazz duos and trios

ENGLISH
C2

FRENCH
C1