

Stephanie Widzowski

CONTACT



STRENGTHS

- Writing and editing
- Public speaking and customer service
- Microsoft Office and Google Drive
- Adobe Photoshop
- Knowledge of natural systems and species
- Observation and interpretation
- Collaboration and communication
- Analysis and problem solving
- Quick learner

OTHER SKILLS

- Languages: basic French, Spanish; intermediate Japanese
- Graphic design and various artistic media
- Music composition

PERSONAL PROFILE

Geology graduate with a passion for science and nature. Loves explaining complex processes and yearns to make environmental concepts accessible and interesting to all. Works independently but also enjoys collaboration. Outgoing, funny, and creative personality and comfortable with public speaking in a variety of situations.

EDUCATION

HAVERFORD COLLEGE

- Class of 2019
- B.S. Geology; GPA 3.4
- Environmental Studies minor
- Awarded the Raymond M. Thomas 1925 Scholarship for students with environmental interest
- Presented at the Geological Society of America Annual Meeting (Fall 2018)

INDIANA UNIVERSITY OF PENNSYLVANIA (IUP)

- Summer 2017; dual enrollment Spring 2014

INDIANA AREA SENIOR HIGH

- Class of 2015

LINCOLN-SUDBURY REGIONAL HIGH

- 2011–2013

RELEVANT COURSEWORK

GEOLOGY

Mineralogy
Sediments
Structural Geology
Biosphere Through Time
Igneous & Metamorphic
Petrology
Appalachian Geology

LIBERAL ARTS/ENVIRONMENTAL

Intro to GIS
Environmental Case Studies
News & Feature Writing
Policy Making in a Democracy
Nature Culture (Anthropology)
Philosophy of Science
Foundations of Psychology

MATH/PHYSICS

Modeling the Physical World
Fundamental Physics II (E&M)
Mathematical Methods in the
Physical Sciences
Multivariable Calculus
Linear Algebra
Physics of Light and Sound

RECENT WORK

PARK RANGER (OPERATIONS) | GATEWAY NATIONAL RECREATION AREA

Highlands, NJ | Summer 2021

- Contributed to safe and enjoyable visitor experiences by performing daily ferry and campground operations. Welcomed and answered questions for hundreds of visitors at the ferry each week
- Protected natural resources while roving the park; promoted appreciation of the park's history and wildlife by engaging visitors
- Researched, designed and led informal pop-up and formal 60-minute programs about wildlife and environmental issues

CAMP COUNSELOR | FRIENDS CAMP

South China, ME | Summer 2018–2020

- Ensured the safety of and promoted the emotional and spiritual growth of children age 7–17 for 10 weeks. Designed and led recreational, creative, and educational activities for campers. Collaborated with other staff to create positive experiences for all
- Led online programming for campers during COVID-19; participated in Zoom training

FIELD & LAB EXPERIENCE

GEOLOGY SHORT COURSES

Haverford and Bryn Mawr colleges | Fall 2017; Spring 2019

- with Dr. Selby Cull-Hearth (2019); 7-day field trip to Death Valley. Studied and interpreted the geologic narrative of Death Valley; produced a team-made documentary for the public.
- with Dr. Arlo Weil (2017); 7-day field trip across the Colorado Plateau. Improved classmates' understanding of Colorado Plateau geology by researching and presenting on the Laramide orogeny in the field. Observed and interpreted formations to gain a sense of the region's history.

GEOLOGY SUPER LAB

Haverford and Bryn Mawr colleges | Spring 2018

- with Dr. Pedro Marenco
- Performed thin section and geochemical analysis on rock samples, including X-ray diffractometry, total inorganic/organic carbon, and mass spectrometry

FIELD TECHNIQUES IN ECOLOGY COURSE

Pymatuning Lab of Ecology through Indiana University of Pennsylvania | Summer 2017

- with Dr. Josiah Townsend
- Learned assortment of field techniques; developed research project on dissolved oxygen levels in lentic American lotus colonies

DATA TECHNICIAN

Indiana University of Pennsylvania | Summer 2017

- Contributed to public knowledge of the watershed by collecting and sorting stream data, creating graphs with MatLab software, and publishing online

INTERSHIPS

NATURAL RESOURCE INTERPRETATIVE ASSISTANT

Joshua Tree National Park | Spring 2020

- Internship supervised by David Larson and Cane West
- Contributed to visitors' enjoyment and understanding of the park through interpretation; shared safety messages. Developed programs and assisted with education programs for students. Shifted to reaching the public online with social media posts and infographics as COVID affected park functions.

GRAPHIC DESIGN INTERN | STUDENT LIFE OFFICE

Haverford College | 2016 – 2019

- Increased engagement in student events by creating posters and logos for student groups. Honed graphic design and editing skills
- Created sprites and scenes for HaverAthens, an educational student-made app (Summer 2017)

COMMUNITY ENGAGEMENT

VOLUNTEER | LEAGUE OF WOMEN VOTERS OF INDIANA COUNTY

Indiana, PA | Fall 2019

- Increased public awareness of plastic consumption by organizing events and participating in local initiatives
- Attended the Shale and Public Health Conference hosted by University of Pittsburgh

NERD HOUSE COMMUNITY HOUSE

Haverford College | 2016 – 2019

- Provided a welcoming, substance-free environment for Haverford and Bryn Mawr students through themed weekly events
- Coordinated with college administration to host additional large-budget events

CO-LEADER | COUNTERPOINT A CAPPELLA

Haverford and Bryn Mawr colleges | 2017–2019

- Coordinated rehearsals and performances; created and edited song arrangements; provided feedback to members