

# Violet Sackett

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## Education

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### Brown University

Providence, RI ▪ Class of 2020

- Sc.B. Biology - Ecology and Evolutionary Biology
- Relevant coursework: Introductory Calculus, Environmental Science, Environmental Social Science, Principles of Physiology w/ Lab, Cell and Molecular Biology, Organic Chemistry, Physics, Principles of Ecology, Coastal Ecology and Conservation, Conservation Biology, Conservation in the Genomics Age, Plants Food and People

### Northside College Preparatory High School

Chicago, IL ▪ Class of 2016

- Honors and Awards: AP Scholar with distinction, French Honor Society
- ACT Score: 34

## Research Experience

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### Institut Curie

Orsay, Île-de-France ▪ Jun 2018 - Aug 2018

#### Research Intern

- Learned basic techniques in cell and molecular biology such as cell culturing and transfection, recombinant protein expression and purification, immunofluorescence staining of mammalian cells, and microscopy
- Investigated the mechanisms behind phase transitions of microtubule associated proteins in human U2OS cells
- Improved presentation skills and prepared a report on my work at the conclusion of the internship

## Science Communication Experience

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### Brown University

Providence, RI ▪ Jun 2019 - Present

#### Course Developer and Teaching Assistant

- Work with a team to develop a curriculum for a new laboratory course entitled "Life Underwater in the Anthropocene"
- Care for zebrafish and African clawed frogs to be used in class
- Instruct students through lab procedures
- Guide students through independent research projects

### Peggy Notebaert Nature Museum

Chicago, IL ▪ Jun 2017 - Aug 2017

#### Education Intern

- Assisted with the "Teenagers Exploring and Explaining Nature and Science" (TEENS) program
- Helped implement an inquiry-based curriculum emphasizing environmental science and ecological concepts, mobile data collection, digital mapping, data visualizations and analysis
- Supervised teenagers through lab and field-based science investigations

### Lincoln Park Zoo

Chicago, IL ▪ Jun 2014 - Aug 2014

#### Malott Family Zoo Intern

- Learned content about the zoo and its exhibits as well as relevant conservation information and animal facts
- Presented this information to zoo guests of all ages
- Engaged the guests in hands-on activities
- Spoke in front of large crowds

## Leadership Experience

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- **Northside College Preparatory High School Cross Country and Track Team, Captain**
- **Northside College Preparatory High School Physical Education Department, Senior Leader**
- **Brown Outdoor Leadership Training (BOLT), week-long backpacking experience in the White Mountains**
- **Brown Running Club, Captain**
- **Brown Biology DUG (Departmental Undergraduate Group), Leader**

## Service Experience

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### Treehouse Humane Society

Chicago, IL ▪ 2010-2013

#### Junior Volunteer

- Cleaned cats' living spaces
- Socialized cats to prepare them for adoption

## Skills and Interests

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**Languages:** French- Fluent

**Technical:** Experience in customer service and public speaking, proficiency in Microsoft Office, Google Drive, and iMovie, moderate experience with Adobe Photoshop and Illustrator, experience with basic biology lab bench equipment and machines

**Interests:** Running, music, biking, hiking, photography, gardening