

# Zoe Vincent

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## EDUCATION

- Northwestern University**, Bachelor of Arts | Environmental Science | Earth & Planetary Sciences *Expected June 2023*
- 3.79 GPA
  - Dean's List Fall 2020, Winter 2021, Spring 2021, Fall 2021, Winter 2022, Spring 2022
  - COHEN Junior Research Excellence Award Recipient
- Connecticut College**, Bachelor of Science | Neuroscience *August 2019 – June 2020*
- 3.96 GPA
  - Presidential Scholar

## PROFESSIONAL EXPERIENCE

- Research Assistant** – Northwestern Earth and Planetary Sciences, Evanston, IL *March 2021 - Current*
- Conduct research on microbial ecology in cave systems with Dr. Magdalena Osburn
  - Produce primary data on the bulk stable isotope values of carbon and nitrogen within macro and micro-organisms
  - Analyze bulk stable isotope values to assemble a cave food chain and assess the microbial influence on subsurface primary consumers
  - Partner with graduate students to conduct lab business more efficiently and support research on Mammoth Cave carbon and nitrogen cycling within subsurface microbes
  - Engaged in 11-day field campaign in Mammoth Cave, Kentucky to collect samples of interest for senior thesis and graduate student's senior thesis on environmental microbial ecology
- Climate Intern** – USAID's Office of Global Climate Change, Washington, DC *April - November 2020*
- Updated data on context indicators for [Climatelinks](#), USAID's global knowledge portal for climate practitioners
  - Used Climate Analysis Indicators Tool (CAIT) to determine annual growth in greenhouse gas emissions from 2012-2016
  - Evaluated country vulnerability to climate change based on the ND-GAIN index
  - Produced calculations on average annual greenhouse gas emission from Global Forest Watch
  - Collected new data on policy indicators such as Long-term Strategy
  - Presented data to Director and staff of the Office of Global Climate Change
  - Data was used to inform and support State Department policy planning under the incoming Biden Administration
- Cashier/Barista** – Backyard Coffeehouse and Eatery, Ogunquit, ME *Summers 2019, 2020*
- Collaborated with baristas and kitchen staff to properly meet the demands of rushes
  - Resolved guest concerns while maintaining positive customer environment
  - Trained seven new staff members on both cash register and kitchen line
- Special Needs Counselor** – St. Columba Summer Camp, Washington, DC *Summers 2013-2018*
- Coordinated and led outdoor, quiet and craft activities for both small and large groups
  - Supervised camper activities to address behavioral issues and promote fun, safety, and inclusivity
  - Corresponded with Occupational Therapists to track behavioral changes in children with Special Needs

## ADDITIONAL SKILLS

- **Computer Skills:** Proficiency in RStudio, C/C++, MATLAB, and the Microsoft Office Suite
- **Language Proficiency:** English and French

## LEADERSHIP EXPERIENCE

- Northwestern Earth Department Representative on Student Advisory Board (SAB) *Academic Year 2021-2022*
  - Advocate for curriculum changes on behalf of department's undergraduates
- Northwestern Resident Assistant for dorm of 65 diverse students *Academic Year 2021-2022*
  - Build strong community connections and ensured safety and inclusion
  - Awarded Outstanding First Year RA

## VOLUNTEER EXPERIENCE AND OTHER INTERESTS

- Head of Marketing, Responsible Artificial Intelligence Student Organization (RAISO) *Winter 2021- Present*
- Peer Educator, Sexual Health and Assault Peer Educators (SHAPE) *Fall 2021-Present*
- Volunteer, Humane Rescue Alliance and Medical Center *2012-Present*
- Campaign staff, Tom Moore for City Council *2009-2015*