

Joseph Pollack



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EXPERIENCE

2024-Present

Research Intern

Mammoth Caves National Park, Kentucky

Build and calibrate Arduino-based data loggers for use in National Park
Manage deployment, data collection, and data analysis of data loggers

2024-Present

**Computer Science
Educator**

CS Research Practice Partnership, Northwestern University

Help lead instruction and facilitate classroom activities for Python programming language
Answer student questions, help with technology setup, assist with lesson and materials

2024-Present

Research Assistant

MU Collective, Northwestern University

Develop qualitative coding scheme for interviews and code interviews
Perform data analysis in R and assist with writing of research paper

2023-2024

**Teen Leadership
Program Coordinator**

Camp Kesem at Northwestern University

Create and facilitate summer camp programming for teenagers
Organize and lead fundraising and donation campaigns

Summer 2023

Server

Convito Cafe and Market, Wilmette

Provide excellent customer service in busy restaurant and market

2023-2024

**Research
Assistant**

Environmental (In)justice in Chicago, Northwestern University

Collect, prepare, and test soil samples in a chemistry lab
Perform statistical and spatial analysis with Excel and ArcGIS

2020-2022

**Community
Development**

Global Engagement Summit, Northwestern University

Organize and develop community building activities for organization
Create weekly presentation on current event and lead group conversation

Summer 2021

**End User
Research**

Green World Alliance, Chicago

Research Chicago businesses with existing sustainability efforts
Research businesses without sustainability efforts and possible solutions

Summer 2021

On-Site Processor

Compostable LA, Los Angeles

Prepare facilities for team's daily activities and process food waste

EDUCATION

2020-Present

Northwestern University, Class of 2024

GPA: 3.8

Cognitive Science Major and Environmental Science Major

2016-2020

Palisades Charter High School, Class of 2020

GPA: 4.3, AP and Honors Courses

Honor Roll 2016-2020

SKILLS AND ACTIVITIES

Data Analysis

Strong experience analyzing, modeling, presenting large ecological datasets
Proficient with ArcGIS, ArcMaps, R, and Excel
Experience with Python, C+, Arduino, soldering

Photography

Director of Photography for So. California Junior State of America (2017-2020)
Digital and film photography, editing, printing

Additional

Proficient in Microsoft, Google, Adobe applications (e.g., Photoshop)
Strong communication skills, both written and oral
Able to use social media and maintain a social media presence