

Education

The Pennsylvania State University

Bachelor of Science in Geography | GPA: 3.02

Minors in Climatology and IST for Earth and Mineral Sciences

Honors and Awards: Dean's List Spring 2020 and Fall 2022

August 2023
University Park, PA

Work History

Aerial Acquisition Technician

Surdex Corporation

- Operated advanced camera imagery systems onboard aircraft.

August 2023-Present
Chesterfield, MO / USA

Intern

The Energy Geek (New Hampshire)

- Published an ArcGIS StoryMap on the basics of climate change science.

June 2022-August 2022
Remote

Website Manager

Penn State Department of Meteorology

- Updated Dr. Michael E. Mann's website.
- Performed site maintenance and updates.

April 2021-April 2022
University Park, PA

Package Handler

United Parcel Service (UPS)

- Scanned and loaded hundreds of packages per hour into trailers.

May 2021- August 2021
Parsippany, NJ

Technical Support Advisor

Penn State Department of Meteorology

- Managed the Climate Science REU Canvas page.
- Scheduled, hosted, and recorded Zoom meetings.
- Created promotional materials for guest lectures and final symposium.
- Created new pages for the REU website.

June 2020 – August 2020
Remote

Project and Research Experiences

Penn State University

GEOG 497, Cryosphere Climate Systems

- Produced a PowerPoint presentation on Arctic Amplification.
- Discussed the mechanisms, significance, and recent research.

January 2022-May 2022
University Park, PA

Skills

Technical: Programming and statistical analysis using Matlab, Python, R, and Stata. Creating maps with ArcGIS online and desktop products. Transforming remote sensing data using L3Harris ENVI classic. Adobe Creative Cloud. Microsoft Office. WordPress and Drupal. Social media and YouTube.

Interpersonal: Critical thinking, teamwork, problem-solving.