

Dixon Hass

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EDUCATION

Pennsylvania State University

2023 – 2024

Graduate Certificate: Geographic Information Systems

Virginia Polytechnic Institute and State University

2019 – 2021

Bachelor of Arts: History

Minor: Environmental Policy and Planning

Graduated Summa Cum Laude

GPA: 3.85

- Sustainable initiative to replace plastic utensils at Turner Place in Lavery Hall with a compostable alternative as a Dining Services Pilot Program was approved and funded at \$2,000 as a part of Virginia Tech's Green RFP Program for 2020-2021.

University of Tennessee, Knoxville

2017-2019

Major: History

EXPERIENCE/INTERNSHIPS

Virginia Department of Forestry

GIS Developer Intern

Charlottesville, VA

June 2024- August 2024

(40 hrs/week)

- Supported the completion of the Modern IFRIS Water Quality Module.
- Collected water quality specialist's user stories and collaborated with team members throughout the project lifecycle to ensure the solution met business requirements.
- Designed, developed, and implemented BMP related functionality into existing framework by creating ArcGIS Experience Builder shells and embedding additional experience builder pages, multi-faceted dashboards, complex surveys, and custom widgets within them.
- Automated geoprocessing workflows using ArcPy for efficient map creation and geodatabase design.

La Valle Coastal Club and Resort

Outside Services Engineer

Rancho Santa Fe, CA

September 2021 – May 2024 (38 hrs/week)

- Provided solutions to aesthetic and mechanical challenges to ensure a positive member experience.

Professor Karen Kovaka, Department of Philosophy, Virginia Tech

Research Assistant

Blacksburg, VA

May 2020 – December 2020 (5 hrs/week)

- Coded scientific journal articles in line with their relevancy to the project's goals.
- Analyzed published journal articles to aid the understanding of preferable environmental intervention strategies.

Citizens Environmental Coalition

Law and Policy Intern

Houston, TX

Summer 2020 (8 hrs/week)

- Led a project involving poster creation to highlight major milestones of the Coalition's history.
- Transcribed historical company documents to increase the accuracy of past records.

SKILLS

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|-----------------------|----------------------|--------------|
| • ArcGIS Pro | • PostgreSQL/PostGIS | • ReactJS |
| • ArcGIS Survey 123 | • MicrosoftSQL | • Jimu |
| • ArcGIS Exp. Builder | • SQL | • HTML |
| • ArcGIS Dashboards | • Python (ArcPy) | • CSS |
| • Model Builder | • Arcade | • JavaScript |