- Analyzed spatial trends using ArcGIS Pro to create figures to visualize and compare the results of the study.
- Used Python to create correlation graphs between the concentrations of *E. coli* and water quality parameters.

University of Hawai'i at Mānoa, Honolulu, HI　　　　　**January 2023 – May 2023**
Undergraduate Student Research Assistant
- Participated in a NASA-funded Environmental Justice project which included locating and managing GIS data maps and completing gaps in metadata.
- Mined historic maps related to the temporal variability of land use in the Pu'uloa area.
- Developed and managed a system for compiling metadata.

City & County of Honolulu SWQD, Kapolei, HI　　　　　**May 2022 – August 2022**
Summer Intern
- Collaborated with fellow interns to compile stream monitoring data, utilizing ESRI ArcMap and Dashboards to create an educational ArcGIS StoryMap highlighting the importance of clean stream for public awareness.
- Assisted Environmental Technicians and Civil Engineers on SWMPP-related projects involving illicit discharge and unauthorized drain connections.
- Familiar with NPDES MS4 Permit.

ADDITIONAL EXPERIENCE

- Field Collection for the City Water Project for Bowen Labs at the University of Utah.
- Assisted NOAA and HIMB professionals with the characterization of larval plankton in near and deep Hawaiian oceans.
- Hawai'i Nature Corps (HNC) Hiking Club.
- Discovery Fair 2019 volunteer/educator for the Chemistry Department at LCC.

SKILLS

- ESRI's ArcGIS: ArcGIS Pro, ArcGIS Online ArcMap, Field Maps, Survery123, StoryMaps, and Dashboards.
- Microsoft Office Suite: Word, Excel, PowerPoint, and Power BI.
- Trimble Cityworks.
- Programming Languages: Python, R Studio, MATLAB.
- Language: Understand and speak some Korean.

AWARDS

- Dean's List, Spring 2022 and Fall 2022.
- Achievement Scholarship Undergraduate Research B982, Fall 2021 – Spring 2023.
- J. Watumull Merit Scholarship, Fall 2022 – Spring 2023.

REFERENCES

Will be furnished upon request.