CLARENCE D. B. JACKSON

Clarencej395@gmail.com

EXPERIENCE

MAY 2023 – AUGUST 2024

GIS TECHNICIAN

HALL COUNTY GOVERNMENT TAX ASSESSORS' OFFICE

- Using Esri suite to create, edit, manipulate, and manage property tax data layers in ArcMap. Providing customer support and assisting with tax parcel and deed issues. Supporting GIS Department in edits to new subdivision developments.

JANUARY 2023 – APRIL 2023

NASA DEVELOP INTERNSHIP

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA) AND SPACE LABS

- Using GIS and remote sensing applications to determine damage assessments and how disaster relief denials overlap with Heirs' property owners. Partnered with Georgia Heir Property Law Center and Heir property owners recovering from 2017 Hurricane Irma.

AUGUST 2022 – JANUARY 2023

REMOTE SENSING & GEOSPATIAL TECHNOLOGY TEACHING ASSISTANT

UNIVERSITY OF NORTH GEORGIA

- Tutoring, assessment, lab skills and student development
- IESA Program outreach ambassador

JUNE 2022 – SEPTEMBER 2022

CITY OF OAKWOOD INTERNSHIP

- Using Esri Arc Pro Model builder to create a flood model that would be used by the city to assess and aid in urban development. Collected remotely sensed data using Unmanned Aircraft Systems and LiDAR data for slope data that I used in the model to help with accuracy.

APRIL 2022

ACF WATERS CONFERENCE

- Presenter of a Lake Lanier Water Quality and Quantity to show the uses of Google Earth Engine and the turbidity, amount of chlorophyll a, water extent, temperature, and precipitation of the lake.

NOVEMBER 2021 – AUGUST 2022

UAS LAB ANALYST

UNIVERSITY OF NORTH GEORGIA

- Performance of routine maintenance for unmanned aerial vehicles (UAV) and systems
- Inventory maintenance of UAV lab and global navigation and satellite systems department
- Collecting and post-processing of LiDAR data collected by the university

MAY 2019 – APRIL 2023

PATIENT TRANSPORTER

PIEDMONT ATHENS MEDICAL CENTER

- Maintaining patient safety and comfort utilizing the most appropriate mode of transportation for the patient's physical and emotional needs
- Transporting patients in a timely manner, as directed by members of the care team

EDUCATION

B.S IN ENVIRONMENTAL SPATIAL ANALYSIS

UNIVERSITY OF NORTH GEORGIA

May 2023, Cum Laude

HIGH SCHOOL GRADUATE, ATHENS ACADEMY 2018

SKILLS

- Google Earth Engine
- ESRI Story Map
- Python coding experience and knowledge
- Microsoft Word
- FAA UAS Pilot
- Map plotter knowledge and experience
- ESRI ArcGIS Pro Software
- Java script coding experience and knowledge
- Microsoft Excel
- LiDAR and Multispectral collection and post processing
- Passion for problem solving
- Peaked sense of curiosity and inquiry
- Committed to team and mission
- Strong interest in detail and accuracy
- Honest and open communication style

ACCOLADES & MEMBERSHIPS

- President – Geospatial Alliance, University of North Georgia 2022 – 2023
- FAA Part 107 UAS Pilot - October 2021 – present
- Vice President – Geospatial Alliance, University of North Georgia 2021 – 2022
- Student Member of the Georgia Geospatial Association 2021 - present
- Certificate of Recognition – Geography – University of North Georgia 2020