Hayden Hancock

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Work Experience

Hancock Farms of Columbia LLC (Columbia, KY)
May 2016 - Present (Seasonal)

- Operate and transport heavy farm machinery, gather soil samples, and general farm work
- Completed miscellaneous GIS related tasks including conducting various drone missions to monitor weed and crop growth, creating a GIS database of crop fields the business leases and owns, and reutilizing an applicable algorithm written for college project in ArcPy to evaluate crop health and predict yield

University of Kentucky College of Arts & Sciences (Lexington, KY)
Documenting Racial Violence in Kentucky Project Internship
January 2023 - May 2024

- Utilized GIS Software (QGIS and ESRI ArcGIS) to present historical data as well as doing geographical and historical research of unincorperated communities

Mapshop Internship
January 2024 - May 2024

- Utilized GIS Software (QGIS and ESRI ArcGIS) to analyze rent prices in Lexington by using LiDAR technology, meshing census data with shapefile data, and raster data analysis

Kentucky Department of Revenue Internship (Frankfort, KY)
August 2024 - Present

- Working with a team of other GIS specialists creating georeferenced data for a larger GIS web-based infrastructure based on non-georeferenced measurements from county PVAs and oblique imagery systems. Utilizing SQL to do quality control on thousand of entries of GIS data

Education

University of Kentucky (Lexington, KY)
August 2021 - May 2025
B.A. of History
B.A. of Geography - Mapping and GIS
Minor in Computer Science
GPA: 3.96

College Extracurricular Activities
UK German Club (President and Secretary)

Academic Awards
Dean's List	Gyula Pauer Cartography Award
Provost Scholarship	Joseph R. Schwendeman Award

Community Service

University of Kentucky Campus Kitchen (Lexington, KY)

Assisting in aid efforts during the COVID-19 pandemic with Kentucky Dairy Development Council (Columbia, KY)

Skills

Utilizing GIS and Remote Sensing Software (ESRI ArcGIS, ERDAS Imagine, QGIS)

Experience with Computer Programming languages Python, HTML, SQL, CSS

Specific experience with Python libraries utilized in GIS such as ArcPy, Pandas, OS, NumPy, and SciPy

FAA Part 107 Unmanned Aircraft Systems (Drone) Remote Pilot License

Portfolio Link

https://haydenjhanc.github.io/Portfolio/HaydenPortfolio.html