

Julia Fergus

Student at the University of Iowa

Iowa City, IA
(515) - 447 - 1764

juliaferggg@gmail.com
julia-fergus@uiowa.edu

EDUCATION

University of Iowa, Iowa City, IA —
Sustainability Sciences BS

Geographic Information Science - Certificate

Art - Minor

Expected to graduate in 2025

3.75 GPA

Honors, Dean's List

Extensive coursework in GIS and Remote Sensing disciplines, emphasizing spectral satellite data usage for environmental studies, city planning, and geographic visualization for land suitability/classification and vegetation health studies across the United States

Coursework in Sustainability by creating systems and analyses that address environmental injustices worldwide and conducting a study

highlighting the environmental effects linked to redlining practices in Chicago.

Coursework in statistical analysis using Excel, SAS, and R systems to run analyses on biophysical and spectral data.

Coursework in graphic design and product design processes to engineer projects rooted in sustainability initiatives.

SKILLS

- ❖ Computer proficiency in Google Workspace, Microsoft Excel, and GIS operation systems (Arc and ENVI products)
- ❖ Computer proficiency in AutoCAD, Adobe, and 3dsMAX operation systems
- ❖ SAS and R language statistical computing proficiency
- ❖ Group leadership
- ❖ Data analysis
- ❖ Communication and public presentation skills

RELEVANT EXPERIENCE

The University of Iowa Pentacrest Museums, Iowa City, IA — *Docent*

August 2022 - PRESENT

- Assists in the development of educational programs and conducting special activities
- Leads and accompanies other docents on guided tours for a wide range of visitors
- Assists in conducting and executing considerable events
- Creates tours emphasizing the geological, cultural, and ecological history of Iowa
- Manages opening and closing duties of retail and museum operations
- Finance and sales experience
- Operates AV and audio systems

Tournament Club of Iowa and Amana Colonies Golf Club, Polk City, Amana, IA — *Food and Beverage Associate, Player Service Associate*

May 2020 - PRESENT

- Assists in coordinating and carrying out significant events
- Ensures optimal guest experience by seating guests, taking orders, answering questions, and serving food and beverages with a positive attitude
- Trainer new staff and managers on service expectations and protocol
- Manages opening and closing duties of retail and restaurant establishments
- Assists in coordinating and carrying out golf and business events
- Finance and accounting experience

