

# Jake Denny

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## Education

**The University of Iowa**, Iowa City, IA  
B.A. Geographic Information Science  
GPA: 3.0/4.0

Anticipated May 2025

## Class Experience

- **Foundations of GIS**
  - Learned beginner mapping methods and how to search for data. ArcGIS was taught through lab work.
- **Geographic Visualization**
  - Further learned mapping techniques to present individual research. Built an online portfolio through GitHub.
- **Remote Sensing**
  - Learned the principles of satellite imagery and how it can be used to view and measure the Earth. Became familiar with ENVI software.
- **Lidar Principles and Applications**
  - Studied the many uses for Lidar sensors in the modern world.
- **Programming for Informatics**
  - Learned basic programming techniques in Python.

## Research Experience

Aug. 2024 – May 2025

### Undergraduate Research

- Measured surface water nitrate levels from data recorded from Iowa State beaches.
- Practiced remote sensing techniques and organized large data sets to see results.

### Senior Seminar Project

- Anticipating similar research goals
- Focusing on understanding the principles of being a professional geographer and how their skills are used in the workplace.

## Work Experience

### Server

Saint Burch Tavern

- Held a professional appearance, greeted and served customers to an orderly standard in a fast-paced environment.

## Leadership Experience

Vice President of the University of Iowa Bowling Club

Aug 2022 – Dec 2024

- Oversaw club activities and handled monetary transactions as an independent organization through the university.