

Aaron Sherman

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EDUCATION

The University of Iowa, Iowa City, IA

Anticipated

December 2021

B.A. Geography (Geographic Information Science)

GPA: 3.40/4.0

Relevant Class Experience

Introduction to Geographic Databases

August 2020-December 2020

- Developed an understanding of the fundamental principles of design, implementation, querying, and computation in geographic databases.
- Gained experience working on both the conceptual aspects and practical applications through various assignments, labs, and a semester project.

GIS for Environmental Studies

August 2020- December 2020

- Learned methods of processing spatial information with a focus on environmental studies.
- Emphasis was placed on the nature of geographic information, data models and presentation, and GIS analytical and modeling techniques aspects of geographic information systems.
- Gained experience creating and modifying different types of datasets such as raster and vector datasets.
- Utilized these skills over the semester through various lab work along with a semester project.

The Global Environment

August 2019- December 2019

The Department of Earth and Environmental Sciences, The University of Iowa, Iowa City Iowa

- Describe the major concepts of earth systems.
- Learned about the use of the scientific tools of observation, analysis, and inference as means of understanding the world.
- Learned to apply the scientific method to develop questions, generate data, and derive conclusions.

Foundations of GIS

January 2020-May 2020

The Department of Earth and Environmental Sciences, The University of Iowa, Iowa City Iowa

- Learned the basic principles and applications Geographic Information Systems and Geographic Information Science
- Learned the basic knowledge and theory needed to understand and use ArcMap
- Worked on project applying to apply these principles into practice
- Gained experience analyzing data as part of a semester long project that I came up with, looking at data of Nitrate Levels in surface water in each county in Iowa and comparing it to the percentage of agricultural land usage of those counties.

Community Involvement

Member, Hawkeye Marching Band

August 2017 – January 2020

- Practice 10 hours a week

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- Collaborated with other members of band to ensure a great performance
- Traveled annually with the Band