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## Education

*Iowa State University, Ames, IA*

B.S. Management Information Systems  
Dean's List Fall 2025

Graduating May 2027

## Relevant Coursework

Object Oriented Programming  
Introduction to Data Science  
Intermediate Statistical Concepts and Methods

Introduction to Data Structures  
Introduction to Spreadsheets and Databases  
Management Information Systems

Database Management Systems  
Advanced Business Programming

## Projects

### **MsgTree Data Structure**

May 2025

- Used Java on Eclipse software to model and manage binary trees
- Programmed a binary tree constructor using both recursion and iteration

### **Predictive Data Analysis of Heart Disease**

May 2024

- Used PANDAS with Python to statistically model medical associations with heart disease while drawing from a variety of different medical information
- Collaborated with other students in Data Analytics to form a presentation on what the data could suggest
- Determined that the data collection was likely haphazard and unsuitable for drawing any significant conclusions

### **Multicollinearity and Linear Regression Analysis**

January 2024 - May 2024

- Used JMP to test multicollinearity and linear regression on real world data sets to draw confidence intervals and predictions
- Wrote statistical reports to communicate what we were able to learn from the data

## Work Experience

### **Iowa State University - Parks Library, Ames, IA**

May 2024 - Present

#### *Circulation Desk*

- Aid patrons with various needs at the campus library
- Check out books and manage returns

### **University of Iowa - IT Services, Iowa City, IA**

August 2023 - December 2023

#### *Learning Spaces Technology Technician*

- Collaborated with campus staff to optimize technology performance
- Analyzed and resolved various technology issues in campus facilities
- Created solutions to problems with campus technology

### **Johnston Community Education - KTC, Johnston, IA**

May 2022 - August 2024

#### *Child Care Provider*

- Managed and supervised activities for children in grades K-1 and 5-7
- Chaperoned field trips to offsite locations
- Planned daily activities for student groups

## Activities

### **Iowa State University Philosophy Club**

January 2024 - Present

#### *Officer - Academic Coordinator*

- Coordinate topics and scheduling with university professors and other club speakers

### **Iowa State University Computer Science and Software Engineering Club**

August 2024 - Present

#### *Member*

- Attended company presentations on data and software engineering topics like Agile software development and AI