

# Ethan Lindsey

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## Summary

Recent university graduate with aptitude for detailed analysis and logical reasoning. Strengths in math and computer theory proven by experience tutoring university students. Excels at roles in mathematical or scientific fields especially involved with computer programming. Interested in working with data analytics, modeling, and processing.

## Education

**B.S. in Computer Science; Minor in Music Technology** *December 2022*  
*Iowa State University - GPA: 3.91*

## Experience

**Computer Science Tutor** *January 2022–December 2022*  
*Iowa State University, Communications Building* *Ames, IA*

- Tutored 100+ clients on advanced programming practices and concepts.
- Collaborated with team of 10+ tutors to find solutions for complex problems.
- Presented debugging processes on 500+ errors with ~95% success rate.
- Applied solid understanding of third and fourth-year level concepts.

**Student Worker** *August 2021–December 2021*  
*Iowa State University, Exam Accommodations Center* *Ames, IA*

- Proctored 100+ students while supplying personalized accommodations.
- Regularly evaluated sensitive confidential information discretely with integrity.
- Addressed 50+ critical issues with personalized solutions.

## Projects

**Anthill** *August 2022–December 2022*

- Senior design team project created using Flutter and Firebase.
- Contributed ~60% of the code including authentication, profile, and dashboard.
- Improved performance and security by reviewing team contributions daily.
- Weekly sprints following Agile method using Jira.

**Web Adventure** *July 2022*

- 2D Web-based game made using JavaScript, Kotlin, Spring Boot, and MySQL.
- Used encapsulation and abstraction to decrease development time by ~50%
- User authentication using Spring Security and password encryption.

**Quack Manager** *August 2020–December 2020*

- Team project using Java, Android Studio, MySQL and Spring Boot.
- Implemented 75% of front-end, including tasks, profile, login, and settings.
- Stored data locally for quick access both offline and online.

## Technical Skills

### Languages

#### Proficient

C/C++, Java, JavaScript, Dart, Python, MySQL

#### Familiar

Kotlin, PHP, C#

### Technologies

AWS, React, NumPy, Spring Boot, Firebase, Flutter, Node.js

### Software

Excel, Docker, Android Studio

### Soft Skills

Critical Analysis  
Conflict Resolution  
Active Learning  
Adaptability

### Relevant Topics

Algorithm Design  
Data Structures  
Computational Geometry  
Network Protocols  
Network Security

### Awards

#### ISU Dean's List

*December 2019–December 2022*

#### Highest 2% LAS Freshman

*May 2020*

#### Highest 2% LAS Junior

*May 2021*