

# Lucas Horn

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## EDUCATION

### Iowa State University

Anticipated: May 2027

*Bachelor of Software Engineering, (GPA: 3.88)*

Ames, IA

- **Accolades:** Dean's List, Top 2% Engineering Freshmen
- **Completed Coursework:** Data Structures and Algorithms, Digital Logic, Object-Oriented Programming
- **Current Coursework:** Software Development Practices, Introduction to Database Management Systems, Construction of User Interfaces

### Linn-Mar High School

August 2019 – May 2023

*Four Year Academic Letter Recipient, (GPA: 4.12)*

Marion, IA

## PROJECT EXPERIENCE

### BuildDSM V1

February 2024

*Farm-aceutical Fix*

Des Moines, IA

- **Learned and applied React** and **TypeScript** to develop a functional, responsive UI.
- Engineered **custom search functionality** to process large datasets for fast, real-time results.
- Designed an intuitive UI with **React hooks** for seamless state management and data interaction.
- Collaborated with a team of four to improve functionality and user experience.
- **Awarded Best Technical Build** for optimized data processing and search capabilities.

## WORK EXPERIENCE

### City of Cedar Rapids Aquatics

Summer 2023, 2024

*Lifeguard, Swim Lesson Instructor*

Cedar Rapids, IA

- Taught beginner swim lessons to children, improving their swimming and water safety skills through clear communication and patience.
- Responded to emergencies with quick decision-making and clear communication, ensuring the safety of over 300 daily patrons.

### HyVee

July 2020 – January 2023

*Stocker, Cashier, Delivery Driver*

Marion, IA

- Collaborated with team members to manage inventory and streamline store operations, demonstrating adaptability and teamwork.
- Delivered exceptional customer service and resolved issues efficiently, enhancing customer satisfaction in a fast-paced environment.

## LEADERSHIP & INVOLVEMENT

### Google Developer Student Club, Vice President and Treasurer

August 2024 – Present

- Manage club finances, ensuring efficient resource allocation and tracking of funds.
- Collaborate with club leadership to organize and promote weekly meetings, coding workshops, and community outreach initiatives.

### Jones House, President

August 2023 – Present

- Facilitate bi-weekly meetings and lead house activities, fostering a sense of community among residents.
- Organize and oversee house events, ensuring smooth operations and active participation.

## PROGRAMMING SKILLS

- **Languages:** Java, SQL, C, Python, TypeScript, JavaScript, HTML, CSS
- **Frameworks:** SpringBoot, Flask, React, Bootstrap
- **IDEs & Environments:** IntelliJ, Visual Studio Code, MySQL Workbench, Eclipse, Cygwin, Replit