

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 2024

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