

Lucas Horn

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EDUCATION

Iowa State University

Anticipated: May 2027

Bachelor of Software Engineering, (GPA: 4.00)

Ames, IA

- **Accolades:** Top 2%, Dean's List
- **Related Coursework:** CPRE 281 (Digital Logic), COM S 228 (Introduction to Data Structures), COM S 227 (Object-Oriented Programming), SE 185 (Software Engineering Fundamentals)

Linn-Mar High School

August 2019 – May 2023

Four Year Academic Letter Recipient, (GPA: 4.12)

Marion, IA

PROJECT EXPERIENCE

HackDSM V1

February, 2024

Farm-acutical Fix

Des Moines, IA

- Collaborated with a team of three to brainstorm solutions, delegate tasks, and deliver a compelling final presentation.
- Built a web application using React to efficiently handle and parse large datasets from the FDA Green Book's JSON files, optimizing performance for quick data retrieval.
- Awarded **Best Technical Build** for the project's seamless data processing and user-friendly search functionality, which enabled fast and accurate results.

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 500 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 leaders to organize and promote coding workshops and community outreach initiatives.
- **Computer Science and Engineering Club, Lead Developer** August 2023 – Present
 - Currently assembling a team to develop a project that transfers YouTube Music playlists to Spotify, leveraging APIs and cross-platform integration skills.
 - Plan to oversee project development, guiding the team through the software design and implementation phases to deliver a functional tool.
- **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

- **Programming Languages:** Java, C, Python, HTML, CSS, JavaScript, React
- **Tools & Environments:** Visual Studio Code, Eclipse, Cygwin, IntelliJ, Replit