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,** *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