ANNELIE ERICKSON

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EDUCATION

Iowa State University   Expected May 2027

Bachelor of Science, Computer Science (GPA: 3.71/4.0)   Ames, IA

- Minors: Communication Studies & Illustration
- Relevant Coursework: Data Structures, Algorithms, Software Development Practices, Construction of User Interfaces

SKILLS

- **Languages:** Java, Python, JavaScript, HTML/CSS, SQL
- **Frameworks & Tools:** React, Tailwind CSS, Spring Boot, Express.js, Android Studio, Git, REST APIs, Websockets
- **Databases:** MongoDB, MySQL
- **Other:** Agile Development, LaTeX

PROJECTS

"Escape The Dungeon" (Java, Android Studio, Spring Boot, WebSockets)

- Built a multiplayer dungeon crawler app with real-time WebSocket sync, player inventories, and turn-based logic
- Designed a chat feature and customizable player icons

WORK EXPERIENCE

Summer Day Camp Counselor   Summer 2024 & 2025

YMCA of Metro Chicago   Elmhurst, IL

- Supervised and engaged with 30+ children daily, ensuring safety in a dynamic camp environment
- Developed leadership, problem-solving, and conflict resolution skills while coordinating activities

Math Tutor   January 2024 – May 2024

Iowa State University   Ames, IA

- Tutored Calculus II to multiple groups of 5 students each, offering personalized instruction and support
- Facilitated peer discussion and problem-solving, improving comprehension and exam readiness during weekly sessions

INVOLVEMENT

- **Girls Who Code,** *Member*   August 2024 -- Present