

ANDREW WIEBE

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EDUCATION

UNIVERSITY OF NEBRASKA-LINCOLN, Lincoln NE

Anticipated Graduation: May 2027

Major: Computer Science | **Minor:** Business

GPA: 4.0

Projects:

Pathway404 - Social Media Web Application | SvelteKit, TypeScript, Postgresql, Socket.io, CORS, Drizzle-kit, Redis

- Followed a MVC style approach to creating a SvelteKit web application, providing a modular and maintainable development experience
- Applied PostgreSQL, Drizzle-Kit, and Redis-Cache to allow for fast and scalable data processing and retrieval
- Implemented real-Time messaging and notification system using Socket.io, enabling low-latency communication between users

Card Game – Full Stack Web Application | React, C# .NET, MSSQL, NextJS

- Worked alongside 5 classmates following SCRUM and AGILE development approaches including weekly SCRUM meetings
- Used an IDesign and MVC development style to allow for more collaborative modular development
- Designed login and home screens using NextJS and React to allow for fast page loading
- Created backend API's and over **60** Unit Tests using C#

Space Game – Video Game | Godot, GDSCRIPT

- Built advanced enemy behaviors, fluid player mechanics, and custom power-ups in Godot using GDScript, combining technical logic with game design
 - Drew **100+** 2D game assets including animations and space ships
 - Wrote an interactive storyline where the players actions determine the outcome of the story
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Technical Skills:

Programming Languages: TypeScript, JavaScript, Java, C#, Python, C, SQL, GDScript

Frameworks/Technologies: Git/Github, Docker, MYSQL, PostgreSQL, MSSQL, Drizzle-Kit, React, Sveltekit, Socket.io, Redis, CORS

Development Tools: Eclipse, Visual Studio 2022, VS Code, Vi/Vim, Godot

Work Experience:

May 2020-May 2023

Russ's Market, Lincoln NE: Courtesy Clerk

- Helped ensure customer satisfaction.
- Organized product placement.
- Flexibly accomplished miscellaneous tasks.

May 2023-August 2024

Wood's Pool, Lincoln NE: Lifeguard/Head-Guard

- Managed and evaluated performance 30+ Lifeguards.
- Supervised patrons.
- Performed lifesaving rescues.
- Cleaned and assisted in general pool operations.

Extracurricular Activities:

Cornhacks Competitor: 2023-Present

ConnectioNpoint Personal Shopper Volunteer: 2025-Present