Lucas Winger

Fargo, ND | +1(218) 280-1348 | lucas17winger@gmail.com

https://lucaswinger.com | https://github.com/lwinger17

EDUCATION

Bachelor of Arts **Computer Science**   May 2025

Concordia College, Moorhead, MN

Accomplishments: Dean's List Spring 2024

SKILLS

Python | JavaScript | Java | HTML/CSS/PHP | C# | MySQL | Kotlin | React | .NET

PROJECTS

Party Paradox – Free Party Game Website   Spring 2025

Developed an engaging web-based party game platform featuring two unique multiplayer games. The website uses .NET (C#) for backend functionality and T-SQL for efficient data storage and retrieval, enabling seamless user experience and real-time interaction.

- Designed a user-friendly lobby system for seamless game room creation and joining.
- Integrated SQL for real-time progress tracking and responsive gameplay.
- Enhanced user safety through secure data handling and responsive design.
- Conducted user testing with peers to evaluate engagement and usability, implementing feedback effectively.

Entrepreneurship Website – Club Focused Website   Fall 2024

Website created for members of the Entrepreneurship Club at Concordia College. This site allows the members of the club to customize it through the admin pages. Members can edit such things as events, members, and text used to describe aspects of the webpage.

- Led a team with 2 peers to create a professional website for a club with over 120 members.
- Allow club members to freely edit and customize the site by changing members and events shown.
- Used basic HTML, CSS, JS for the frontend and PHP, MySQL for the backend.

Blackjack Game – Java Application   Fall 2023

Developed an interactive Blackjack game featuring dynamic visuals and multilingual support for French and English. The application provides a user-friendly interface with card images and detailed instructions for gameplay and application usage.

- Designed and implemented game logic, ensuring an intuitive and engaging player experience.
- Added comprehensive, in-app rules and tutorials to guide users through both gameplay and application functionality.
- Prioritized accessibility and inclusivity by integrating multilingual support for broader user engagement.
- Collaborated with peers to test and refine the application, ensuring reliability and smooth operation.

OTHER PROJECTS

PlanIt Android App – Kotlin mobile scheduling app that creates events based on locations, uses google calendar API. This app includes many options such as changing project styles to adding repetitive events.

Mobile Portfolio – Kotlin project for android applications that show an alternate portfolio that has a different design than my website.

AI hand distance detection – Python program that identifies left / right hands and shows their distances to the camera using mediapipe and OpenCV.

MIAC 2025 - 2028 game schedule – R program that creates a game schedule using constraints and variables.

100 Days of Python – Daily mini python projects ranging from Spotify music finder to an online chatroom.

Portfolio Website – This website uses the React framework to cleanly show my projects, biography, skills, and etc. in an interactive manner.

Image Recognition Model – Using Python this program looks through images of my mascot (Niblet) to identify whether an image is or is not Niblet..

WORK EXPERIENCE

Dining Services Student Employee– Concordia College, Moorhead, MN   2022 – 2025

- Developed strong time management and work ethic by balancing academic responsibilities with on-campus employment.
- Helped served and helped over 5,000 students Gained valuable experience in meeting deadlines, staying organized, and maintaining a consistent and reliable work performance.

Groundskeeper – Crookston School District, Crookston MN   2023 – 2024

- Strengthened teamwork and problem-solving skills by collaborating with colleagues to maintain school grounds and address daily challenges.
- Worked closely with a team to identify and resolve issues efficiently, ensuring a safe and well-maintained environment for students and staff.

Groundskeeper – Minakwa Golf Course, Crookston, MN   2018 – 2022

- Refined attention to detail and time management by maintaining the course's appearance and functionality.
- Ensured tasks were completed efficiently and to high standards, balancing multiple responsibilities such as landscaping, equipment maintenance, and irrigation schedules.