Grey McLaughlin

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EDUCATION

University of Nebraska-Lincoln — Lincoln, Nebraska
Bachelor of Science in Computer Science — August 2020-May 2025
Bachelor of Science in Education & Human Sciences, Math Endorsement — GPA: 3.79/4.00

PROJECT EXPERIENCE

Dr. Bonita Sharif/Senior Design — Lincoln, Nebraska
Gaze Dimension Development Manager — August 2024-May 2025
- Developed a web app with eye tracking functionality for review of athletic game films.
- Collaborated with fellow software engineers in a professional environment in weekly development meetings.
- Performed Agile processes in accordance with industry standards.

CSCE 361/Software Engineering — Lincoln, Nebraska
Teachers Helps Teachers — May 2024-August 2024
- Created a database web app for educators to organize and share teaching materials using Django.
- Worked in a team environment to make decisions on frontend and backend implementation.

EXPERIENCE

UNL Math Resource Center — Lincoln, Nebraska
MRC Counselor — January 2024-Present
- Assist undergraduates with further understanding of math concepts.
- Tutored students in one-on-one environments.
- Reinforce intermediate algebra to calculus curriculum.

St. Charles East High School — St. Charles, Illinois
Student Teacher — January 2023-May 2023
- Taught Algebra 2 and Pre-Calculus Honors classes to promote STEM.
- Developed lesson plans geared towards students' needs with math department colleagues
- Participated in professional development conferences to learn classroom management skills from educators.

LEADERSHIP

University of Nebraska-Lincoln, School of Computing — Lincoln, Nebraska
Development Manager — August 2024-May 2025
- Oversaw implementation of the frontend and backend of the Gaze Dimension project.
- Participated in weekly sponsor meetings to uphold project requirements.
- Aided fellow developers on knowledge of tech stack.

St. Charles North High School — St. Charles, Illinois
Peer leadership Mentor — August 2018-May 2019
- One-on-one mentor of an underclassman.
- Lead 10 group activities for the program to promote community.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, HTML, C, MySQL, SQLite3, PostgreSQL
Applications: React, Django, Google Suite, Microsoft Office Suite