Natalia Trejo Andalon

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EDUCATION

UNIVERSITY OF NEBRASKA - LINCOLN   **August 2021-Present**
Bachelor of Science, Major in Software Engineering, Focus in Artificial Intelligence   **GPA: 3.941**
- **Program:** Raikes School of Computer Science and Business
- **Relevant Coursework:** Data and Models I and II, Software Engineering IV, Algorithm Design and Analysis, UI/UX, Testing Verification and Analysis
- **Involvement**: Figure Skating Club, Initialize, Girls Code Lincoln, Raike n Bake, Mind & Craft

SKILLS

Languages and Frameworks: Javascript, Typescript, React, Java, Python, C#, C, HTML, CSS

PROFESSIONAL EXPERIENCE

KIEWIT CORPORATION   **Omaha, NE**
Software Engineer Intern   **May 2023 - Present**
- **Code Refactoring (Angular to React):** Collaborated on an internal app to migrate code and enhance maintainability.
- **Software Design Best Practices:** Adhered to industry-standard software design guidelines with a strong emphasis on achieving an 80% test coverage.
- **Analytics Integration:** Implemented analytics across 10 multiple cross-functional applications, enabling usage tracking and cost reduction.

SCOULAR   **Remote**
Software Developer (via Raikes School Design Studio)   **Aug 2023 - Present**
- **Website Development:** Creating a full-stack web application for Scoular to automate feed contracts using React, Typescript, Express, and MySQL.
- **User Interface Design:** Created a design system and created wireframes and mockups on Figma for the front-end design, performing customer interviews and tests for each stage.

MYSTERIOUS CODING SOCIETY   **Omaha, NE**
Teaching Assistant   **Summer 2022 & 2023**
- **Individualized Instruction:** Provided customized instruction to 5-10 students, fostering a solid foundation in programming concepts.
- **Challenge Resolution:** Identified and addressed students' challenges, and collaborated with the lead teacher to resolve issues.
- **Promotion of Independence:** Cultivated student self-reliance by guiding them in applying acquired knowledge to practical scenarios.

MATHNASIUM   **Omaha, NE**
Math Tutor   **October 2020 - July 2021**
- **Personalized Support:** Worked with students in grades K-12, to strengthen their math skills
- **Custom Explanations:** Tailored explanations to each student to break down complicated concepts.