

# Sydney Andreasen

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[sydandreasen.github.io/portfolio/](https://sydandreasen.github.io/portfolio/)

## EDUCATION.....

### Bachelor of Science in Computer Science

University of Nebraska at Omaha

Graduation: May 2022

Minors in Biomechanics and Mathematics

GPA: 4.0

## WORK EXPERIENCE.....

### Application Development Intern

Farm Credit Services of America - Omaha

May 2021 – August 2021

- Develop Angular applications for a customer-facing site to aid consumers in understanding the value of their land investment
- Communicate proactively with teammates to make sure all details of the code implementation meet the needs of the business and consumer

### Undergraduate Student Research Assistant

UNO Biomechanics

January 2019 – Present

- Develop research tools and conclusions through scientific data collection and analysis to provide solutions to clinically relevant problems
- Troubleshoot code using knowledge of logic and an interdisciplinary problem-solving background to analyze biomechanical data
- Communicate research findings via formal and informal methods, such as manuscripts, conferences, and department outreach events

### Software Engineer Intern

PayPal - Omaha

May 2020 – August 2020

- Design and present a UI to managers to propose the most valuable way to present information in a new application
- Develop a full-stack React application to display updated metrics for internal reporting and review of productivity

## COMMUNITY SERVICE.....

UNO Biomechanics

January 2019 – Present

Educate community members of all ages and backgrounds about current research at the Biomechanics Research Building

Quality Living, Inc.

October 2018 – Present

Offer friendship to rehabilitation residents through conversation, company, and games

## TECHNICAL SKILLS.....

MATLAB

Git

Unity

HTML

GitKraken

SQL

JSX

VS Code

JavaScript

React

Java

TypeScript

Angular

C

Object-Oriented Programming

CSS

C#

SQL Server Management Studio