

Sydney Andreasen

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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



Undergraduate Student Research Assistant

UNO Biomechanics

January 2019 – Present

- Develop research materials and conclusions about human movement 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 develop programmatical methods to analyze biomechanical data
- Communicate research findings via formal and informal methods, such as manuscripts, conferences, and department outreach events, to educate both current and tomorrow's scientists on biomechanical findings

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 about software engineers 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

Java

C#

HTML

CSS

JS

React

JSX

C

SQL

SSMS

OOP

VS Code

Git

Unity

STUDENT ORGANIZATIONS



ACM & ACM-W

September 2019 – Present

Biomechanics United

September 2018 – Present