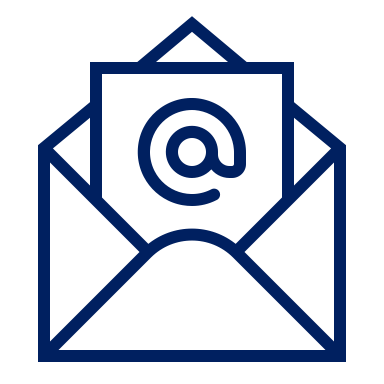
**A person in a striped shirt and smiling at the camera

Description automatically generatedSydney Andreasen**

**** sydandreasen@abbnebraska.com

 (402)237-0162

 sydandreasen.github.io/Portfolio

** Education**

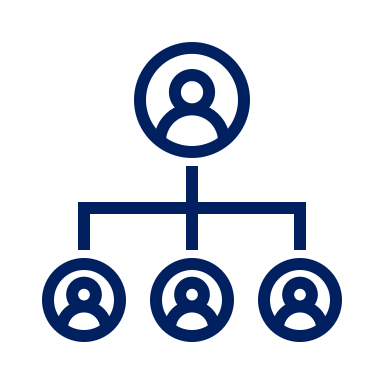
**University of Nebraska – Omaha**

Omaha, Nebraska

*Major:* Computer Science

*Minors*: Mathematics, Biomechanics

*Graduate:* May 2022

** Student Organizations**

UNO IS&T Mentoring Program

October 2019 – Present

Association for Computing Machinery

September 2019 – Present

Association for Computing Machinery – Women

September 2019 – Present

Biomechanics United

September 2018 – Present

 **Community Service**

UNO Biomechanics, Omaha, NE

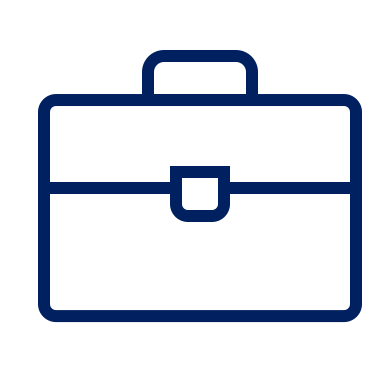
January 2019 – Present

* Educate community members of various ages and educational backgrounds about current research at the Biomechanics Research Building

Quality Living, Inc. Omaha, NE

October 2018 – Present

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

 **Work Experience**

**Undergraduate Student Research Assistant**

January 2019 - Present

UNO Biomechanics, Omaha, NE

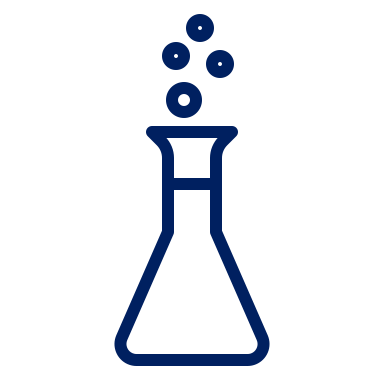
* Develop research materials and conclusions about human movement through scientific data collection and analysis to provide solutions to clinically relevant problems
* Troubleshoot code using knowledge of logic and an interdisciplinary problem-solving background to develop programmatical methods to analyze biomechanical data
* Communicate research findings via formal and informal methods, such as manuscripts, conferences, and department outreach events, to educate and include both current and tomorrow’s scientists in biomechanical findings

**Software Engineer Intern**

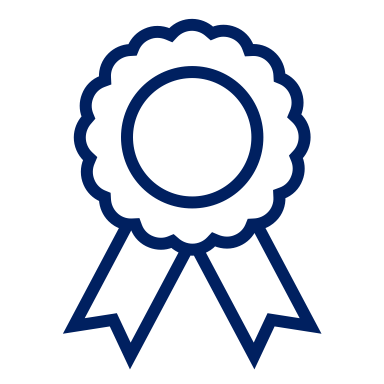
May 2020 – August 2020

PayPal, Omaha, NE

* Design and present a UI to managers to propose the most valuable way to present information in a new application
* Full-stack development of a React application to display updated metrics about software engineers for internal reporting and review of productivity

 **Technical Skills**

|  |  |
| --- | --- |
| MATLAB | Java |
| HTML | CSS |
| JavaScript | C |
| C# | SQL |
| React | Unity |

 **Awards & Professional Events**

Chancellor’s List Placement

Fall 2018 – Present

Honorable Mention Undergrad Poster at UNO RCA Fair

March 2020

Poster Presentation at UNO RCA Fair

March 2019, March 2020

UNO FUSE Research Grant

December 2019