
Sydney Andreasen

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Education

University of Nebraska at Omaha, Omaha, Nebraska
Bachelor of Science in Computer Science
Minors in Biomechanics and Mathematics

Expected Graduation: May 2022
Cumulative GPA: 4.0/4.0

Relevant Experience

UNO Biomechanics, Omaha, Nebraska

January 2019 - Present

Undergraduate Student Research Assistant

- 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

PayPal, Omaha, Nebraska

May 2020 – August 2020

Software Engineer Intern

- Design and present a UI to managers to propose brainstormed ideas for an application to provide the most valuable way to present information
- Develop a full-stack React application to display updated metrics about software engineers for internal reporting and review of productivity

Awards and Professional Events

UNO Chancellor's List Placement

Fall 2018, Spring 2019, Fall 2019, Spring 2020

Honorable Mention Undergraduate Poster at UNO RCA Fair

March 2020

Poster Presentation at UNO RCA Fair

March 2019, March 2020

UNO FUSE Research Grant

December 2019

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, Nebraska

January 2019 - Present

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

Quality Living, Inc., Omaha, Nebraska

October 2018 - Present

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