

Andrew Lofgren

andrew.lofgren164@gmail.com | 402-937-2838 | 6201 S 34th St
[Andrew Lofgren | LinkedIn](#) | [alofgren7 \(github.com\)](#)

Skills

Languages: Python, Java, C/C++, C#, SQL, JavaScript, HTML/CSS, R, php
Technologies & Tools: ReactJS, SOLID Principles, OOP, .NET, Unity Engine, Pandas, Jupyter Notebook, Git/Github, SAP, Microsoft Excel/Access, MVC, iDesign
Non-Technical: Agile Principles, Leadership/Communication Skills, Complete Engineering Competencies

Work Experience

Conti-Tech | Lincoln, NE May 2022 - Present
R&D Intern

- Developed full stack Python application to rework inefficient rubber recipe weigh up document creation methods integrated with Microsoft Access database and Microsoft Excel.
- Designed another full stack Python application to compare and contrast rubber recipe costs for both Lincoln and Norfolk plants using Microsoft Access database and Microsoft Excel.
- Created various rubber product samples for testing as well as data collection with the results of said tests.

Warrior Baseball | Lincoln, NE May 2022 - Present
Assistant Varsity Baseball Coach

- Applied my in-depth understanding of the game to lead rigorous training sessions, elevating players' technical prowess, strategic insight, and athletic capabilities.
- Took the initiative to promote positive communication, respect for opponents, and a strong work ethic, directly influencing the team culture to prioritize character development alongside athletic achievement.
- Created a culture of sportsmanship and positive teammate behavior, actively shaping an environment that fosters personal growth and collective success.

Dordt University | Sioux Center, IA Jan 2022 - May 2022
Programming Tutor

- Provided crucial assistance to students requiring extra support in programming, tailoring my approach to meet individual learning needs.
- Employed a variety of teaching strategies to enhance the clarity and understanding of programming content, ensuring that complex concepts were presented in a way that resonated with each student's unique learning style.
- Actively reassured and motivated struggling students, fostering a positive learning environment by emphasizing progress and improvement, and instilling confidence in their ability to grasp challenging programming concepts.

Education

University of Nebraska Lincoln Bachelor of Science in Computer Science Minor in Engineering Leadership	Expected	Graduation:	December 2024
Technical Coursework: <ul style="list-style-type: none">• Data Structures/Algorithms• Design and Analysis of Algorithms• Operating System Principles• Computer Systems Engineering• Software Engineering• Discrete Structures• Internet Systems and Programing• Programming Language Concepts			GPA: 3.15
Professional Development Coursework: <ul style="list-style-type: none">• Technical Writing• Interpersonal Skills• Professionalism and Global Perspectives• Technical Communication• Dynamic Leadership in Organizations		<ul style="list-style-type: none">• Foundations of Leadership Theory and Practice• Leadership, Management, and Ethics• EnvironmentalLeadership	