

Education

University of Nebraska - Lincoln, Lincoln, NE

Bachelor of Science in Computer Science, graduating December 2024

Major: Software Engineering, Minor: Business

GPA: 3.85/4.00

Honors: Dean's List: 6 semesters, Regents Scholarship Recipient

Work Experience

John Deere, Des Moines, IA

Software Engineering Intern, Summer 2023 and 2024 – myfinancialaccounts.deere.com and map.deere.com

- Developed and deployed maintainable code for My Financial Accounts, to improve the customer experience for over 500K unique users.
- Supported backend development for new API architecture within AWS, to simplify the application's architecture and provide a better developer experience for future contributors.
- Implemented and refactored regression testing for Operations Center, to ensure positive customer experience.

On Farm Research Network – Puntel Research Team, Lincoln, NE

Software Engineering Intern, Spring 2023 to 2024 – resultsfinder.unl.edu

- Provided consulting services to non-technical stakeholders, offering strategic recommendations to optimize their website and insight into feasibility of desired new features.
- Migrated website to modernize the look of website and improve scalability and maintainability.
- Improved database search performance, to improve UX for Nebraskans with slower internet speeds.

Freelance Web Development, Lincoln, NE

Developed a website for Metro TV & Appliance during Q2 of 2024 – metro-tv-demo.netlify.app

- Provided consulting on website and SEO needs, to provide technical support to client's vision.
- Designed and built from scratch using Vue.js to meet custom needs of client

Involvement/Leadership

Cornhusker Marching Band, Lincoln, NE

Section Leader, Trombone, August 2021 – May 2024

- Motivate trombone players through fostering community and establishing a culture of excellence and fun.
- Support trombone leadership team of six to be effective in facilitating communication and defining our goals.
- Provide the best fans in college football a greater gameday experience through performing with pride.

Initialize, Lincoln, NE

VP of Finance, August 2021 – August 2023

- Coordinated after school LEGO Robotics program at various elementary schools in Lincoln, to serve the community and make an impact on the next generation of problem-solvers
- Boosted membership numbers by more than 100% through marketing and outreach, to rebuild the organization and generate opportunities for expansion
- Design new STEM curriculum featuring Lego SPIKE for K-12 students in Lincoln community

Technical Skills

Proficient – TypeScript/JavaScript, Python, Java, C/C++, Bash, PHP, jQuery, Node.js, React.js, Vue.js, HTML/CSS, MySQL REST API's, Agile/Scrum, Jira, Git, Jenkins

Advanced – AWS (Lambda, S3, API Gateway, CloudFront, CloudWatch, Systems Manager, DynamoDB), Ruby/Rails Terraform, Netlify, Vercel