

EDUCATION

B.S., Computer Science

University of Nebraska–Lincoln | May 2023 | 3.97/4.00 GPA

Graduated with high distinction from the Raikes School, a selective honors program integrating innovative business concepts into a computer science curriculum through collaborative projects

EXPERIENCE

Software Engineer

Garmin Ltd. | Olathe, KS | August 2023 to present

- Owned web development for 2 major projects expanding the Garmin LiveTrack app, ensuring robust technical architecture and user experience to support 80+ million active sessions per year
- Improved web app performance with a 60% reduction in page load times by optimizing server-side rendering and modernizing software architecture
- Develop new features, improvements, and bug fixes for the Garmin Connect web app, enhancing the experience for 25 million users

Development Manager Intern

Nelnet, Inc. (via UNL Design Studio Capstone) | Lincoln, NE | August 2022 to May 2023

- Co-led and mentored a team of 5 web developers in UI/UX design, agile processes, software engineering, and software architecture
- Developed a web application to consolidate loan program data from 10+ systems into 1 central knowledgebase, eliminating inconsistencies and enabling call center agents to quickly find answers to customer questions

Software Engineer Intern

Garmin Ltd. | Olathe, KS | May to August 2022

- Created a user interface and API endpoints to help engineers better identify components for new product designs, saving \$100,000+ per year
- Enhanced internal application user experience for 5,000 users by streamlining data selection and navigation
- Developed webservices and implemented data validation to simplify product lifecycle management

Software Developer Intern

Nelnet, Inc. (via UNL Design Studio Capstone) | Lincoln, NE | September 2021 to May 2022

- Developed a web application enabling universities to manage events, venues, and ticket sales, decreasing the event creation timeline from multiple days to under an hour
- Designed interactive wireframes and defined full-stack architecture to guide product development
- Mentored a first-year computer science student teammate in React.js front-end development

Application Developer Intern

Evergy, Inc. | Kansas City, MO | June to August 2021

- Created an internal company chatbot empowering 2,000+ associates to find relevant information across multiple systems, including HR data, payroll, and policies and procedures
- Integrated internal project databases with an enhanced user interface for project managers in Jira, reducing the time needed to record project data by up to 90%

Technical Support Engineer Intern

Zoom Video Communications, Inc. | Overland Park, KS | May to August 2020

- Assisted over 500 customers via tickets, calls, chats, and social media to address questions, troubleshoot issues, resolve bugs, and consider feature requests
- Analyzed technical support procedures during the COVID-19 pandemic, including help center documentation and 60,000 support tickets, to present support leaders with ideas for improvement

SKILLS

React.js, Next.js, Node.js, Express.js, JavaScript/TypeScript, HTML/CSS, GraphQL, Figma, Adobe Creative Cloud