

EDUCATION

B.S., Computer Science

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

Graduated with high distinction and with honors from the Raikes School, a selective honors program integrating innovative business concepts into a computer science curriculum with an emphasis on real-world experience taught through collaborative projects

EXPERIENCE

Development Manager Intern

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

- Led and mentored a team of 5 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

Technologies: Node.js, Express.js, React.js, TypeScript, HTML/CSS, AWS

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 webservice and implemented data validation to simplify product lifecycle management

Technologies: Java, Spring Boot, JavaScript, jQuery, HTML/CSS, Elasticsearch, SQL

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

Technologies: React.js, TypeScript, HTML/CSS, Figma

Application Developer Intern

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

- Created a 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%

Technologies: Power Virtual Agents, Power Automate, SQL, Groovy, Jira API, SharePoint

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

- **Proficient:** React.js, Node.js, Express.js, JavaScript/TypeScript, HTML/CSS, Figma, Adobe Creative Cloud, Microsoft Office
- **Familiar:** Java, SQL
- **Exposure:** R, Python, Elasticsearch