



# MORGAN LARSON

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## EDUCATION

**UNIVERSITY OF NEBRASKA-LINCOLN | LINCOLN, NE**

**Bachelor of Science in Software Engineering**

GPA: 3.89

Expected Graduation: May 2024

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## EXPERIENCE

**GARMIN | OLATHE, KS**

May 2023 - Aug 2023

**Software Engineer Intern**

- Utilized **Thymeleaf** as an **HTML** template engine, **CSS**, **jQuery**, **Java** in a **Spring Boot** framework, and **Docker** to complete tickets
- Implemented new features on the Garmin Connect Admin Tool web application to enhance user experience in an **Agile** environment
- Significantly enhanced the core functionality of a key feature in the Garmin Connect Admin Tool
- Solved numerous issues through debugging, discussing, and reworking assigned programming tasks

**ENGINEERING AMBASSADORS CLUB | LINCOLN, NE**

May 2023 - Present

**Software Engineer**

- Building web application from ground up to fulfill request for streamlined core processes of event requests, event sign-ups, and hour tracking
- Researching best technologies – **React.js**, **HTML/CSS**, **Java** – for current project implementation and future project maintenance
- Initiating discussions to update client and receive feedback about project progress
- Managing project design and implementation on **GitHub** and **Figma**

**SENIOR DESIGN | LINCOLN, NE**

Aug 2022 - May 2023

**Software Engineer**

- Expanded proof of concept website into a functioning web application for University of Nebraska-Lincoln's Biological Systems Department
- Utilized **HTML/CSS**, **JavaScript**, **Python** in a **Flask** framework, **SQL** to connect user inputs to database and provide a clean user experience
- Discussed design choices with sponsors to ensure quality of product and satisfaction of client's request
- Prioritized a positive user experience through implementing a responsive web application

**SANDHILLS GLOBAL | LINCOLN, NE**

Dec 2021 - May 2023

**Software Development Intern**

- Created applications in **C#**, **JavaScript**, **HTML/CSS** which follow client requirements and meet coding practices
- Communicated with project managers and coworkers about project updates and next steps in projects
- Provided detailed code documentation from start to finish of a project and tracked issues and code progress through documentation

**INSTITUTE OF ELECTROTECHNOLOGY | HANNOVER, GERMANY**

May 2022 - July 2022

**Software Development Research Assistant - Study Abroad**

- Measured inductive heating workpiece and created schematic from which to build application
- Independently managed and created an Excel Macro in **Visual Basic** to process inductive heating data with occasional input from advisor
- Adapted to a new culture and integrated different cultural practices into professional and personal life

**UNIVERSITY OF NEBRASKA-LINCOLN | LINCOLN, NE**

Aug 2021 - May 2023

**Software Teaching Assistant**

- Individually guided 15-20 students through weekly assigned labs and provided insight into crucial software development concepts
- Met with 3 team members weekly to discuss and prepare for upcoming software engineering-based labs
- Conducted office hours twice weekly to assist students' learning by addressing questions about projects and coding concepts

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## ACTIVITIES AND RECOGNITIONS

Tau Beta Pi Member

2023 - Present

Dean's List - College of Engineering

2020 - Present

Engineering Ambassadors Club Member

2020 - Present

• Recruitment Chair | lead Recruitment Committee in recruiting, interviewing, and accepting new EAN members

May 2023 - Present

Women In Engineering Program Member

2020 - Present