

# Harish Krishnappan

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## EDUCATION

University of Nebraska-Lincoln

**Bachelor of Science in Computer Science**

Minor in Mathematics

Graduation: May 2024

**GPA: 4.0/4.0**

## SKILLS

**Software:** Java, C/C#, React, JavaScript, SQL, HTML, CSS, Unix Programming, Microsoft Office

**Processes/Environments:** Agile, Scrum, SOLID Principles, IDesign, MVC, UI & UX, CI/CD, Git, Unit Testing, Cloud Computing, Application Security, Dependency Management, Software Architecture

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## WORK EXPERIENCE

### Resident Assistant

August 2021 - PRESENT

*University of Nebraska-Lincoln University Housing*

- Foster the development of 30 residents in the Jeffery S. Raikes School of Computer Science and Management
- Create, market, and lead student centered hall programs to promote social, education, diversity, health, emotional, understanding and growth
- Communicate, correspond, and collaborate with on and off-campus offices such as counseling, student activities, campus security, and student advising
- Implement and enforce all college and campus living policies, promoting academic excellence, addressing student needs, and encouraging student involvements

### Software Engineering Intern

May 2022 – August 2022

*Spreetail, Lincoln, NE*

- Designed and devolved feature that allowed clients to manipulate products' original resell listings utilizing .NET, react, and SQL which saved Spreetail over \$15,000 annually
- Enhanced UI & UX by designing and implementing interface elements such as menus, tabs, and widgets using react and CSS
- Created and demoed API feature that determined whether a client had proper authorization permissions and allowed them to alter BrandManager products and also tracked/logged status changes to products
- Upgraded databases and solutions to use and be compatible with newest technologies
- Led Scrum meetings for team members and interns to delegate tasks and ensure mutual understanding of work

### Information Security Intern

July 2021 – November 2021

*Ameritas, Lincoln, NE*

- Actively engaged in security threat monitoring, attack methods, and incident reports, utilizing Microsoft Azure
- Surveilled alerts from enterprise security tools such as firewalls, anti-virus, data loss prevention, and vulnerability scanners
- Managed and prevented sensitive data and files from being compromised, through McAfee DLP
- Documented and conformed to processes related to security monitoring and detections, such as devolving SOPs
- Collaborated and communicated across departments to ensure appropriate processes, procedures, and tools are installed, monitored, and effectively operating and alerting

### Research Assistant

January 2021 – August 2021

*University of Nebraska-Lincoln Computer Science & Engineering*

- Designed and developed code translations for eye tracking studies, following eye movement of participants using Eclipse
  - Researched and implemented computing languages and methods, using Elan
  - Explored and analyzed data towards video processing software
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## LEADERSHIP ACTIVITIES

### UNL Multicultural Engineering Program

August 2020 - PRESENT

- Participate in selective academic program, focused on commitment and experience towards leadership and diversity

### Lead Teen Volunteer

November 2016 - March 2020

*CHI Health Lakeside Hospital*

- Operated the welcome center, greeting and directing hospital visitors and patients in finding rooms, clinic, or departments
- Trained and supervised teen volunteers in departments to ensure they were comfortable and satisfied in their positions