

# Ethan Eckhardt

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## OBJECTIVE

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Upcoming Computer Science graduate with a 3.9 GPA, passionate about solving complex problems and delivering innovative software solutions. Seeking a full-time software engineering position to apply technical expertise, collaborative skills, and a strong foundation in Agile development to contribute to impactful projects.

## EDUCATION

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<b>University of Nebraska-Lincoln</b>   Lincoln, NE	Graduation: May 2025
Bachelor of Science in Computer Science	GPA: 3.9
<i>Dean's List:</i> Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024, Spring 2025	
<i>Regent's Scholar:</i> August 2022 to Present	

<b>Western Nebraska Community College</b>   Scottsbluff, NE	August 2020 to May 2022
Part Time Student	GPA: 4.00

<b>Leyton High School</b>   Dalton, NE	August 2018 to May 2022
Valedictorian	GPA: 4.00

## SKILLS

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### Technical Skills:

- Highly proficient with GoLang, Python, Java, C#, C++, C, Javascript, Typescript, Next.js, Node.js, React, Tailwind CSS, Ruby, and HTML.
- Extensive experience with Git using both Github and Microsoft Azure DevOps
- Extensive experience with SQL and MongoDB

### Software Engineering:

- Understanding of SOLID principles
- Understanding of the Agile software development framework
- UI/UX design
- Code Smells
- Software Testing

### Soft Skills:

- High Achieving
- Detail Oriented
- Efficient and professional communicator
- Creative problem solver

## WORK EXPERIENCE

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### **Bosch Security Systems** | Lincoln, NE

May 2025 to Present

#### Software Engineer

- Use WebRTC in C++, C#, and Go to create an audio-focused client-server SFU implementation.
- Create a horizontally scalable server model for audio relay using Docker.
- Work with a small team from proof-of-concept to MVP, closely intertwined with research, design, and development.

### **Bosch Security Systems** | Lincoln, NE

January 2024 to May 2025

#### Software Engineering Internship

- Integrating WebRTC VoIP with existing multicast radio gateway technology using a performant Go media server.
- Collaborating with a team of interns to create a full-stack proof-of-concept web application
- Ensuring compliance with UI/UX standards of accessibility and design.
- Exploring new technologies to integrate modern internet communications with existing legacy radio systems.

### **Entrepreneurial Freedom LLC** | Dalton, NE

May 2023 to May 2025

#### Media Consultant

- Direct, produce, and edit polished promotional and educational content.
- Advise equipment purchases to aid in the production of high-quality video.
- Develop streamlined filming systems for solo production

### **Lone Willow Farm** | Dalton, NE

May 2017 to August 2023

#### Summer Farmhand

- Complete daily farm work through heavy machinery operation.
- Reduce semi-truck breakdowns with regular service.
- Maintain equipment using technical skills such as welding.
- Complete various long-term landscaping and demolition projects.

## ACTIVITIES

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### Institute of Electrical and Electronics Engineers

August 2022 to 2024

### Nebraska Esports Club Production Team

August 2022 to May 2025

### UNL New Venture Competition 2024

August 2023 to April 2024