

Thomas Donnelly
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[GitHub](#) [LinkedIn](#)

EXPERIENCE

Software Engineering Intern May 2023 - Aug 2023, May 2024 - Aug 2024

Hobu Inc., Iowa City, IA

- Learned how to plan, develop, and test software as a team.
- Leveraged open source software, [LLAMA](#) models, and open data to classify public [LiDAR](#) information using [SegmentLidar](#).
- Developed a chat platform using [Terraform](#) IaC (Infrastructure as Code) on [Amazon Web Services \(AWS\)](#) using [Lambda](#), [SQS/SNS](#), and public APIs from [Slack](#).

Certified Nursing Assistant June 2019 – Sept 2021

Prairie Manor, Blooming Prairie, MN

- Provided basic patient care, including feeding, personal hygiene, mobility assistance, and monitoring vital signs in a four-wing rural long-term nursing facility.
- Worked as part of a team with registered nurses and 2-4 other certified nursing assistants.
- Adapted to pandemic conditions, including state-mandated COVID testing, isolation protocols, and monitoring for visitors.

EDUCATION

Bachelor of Computer Science Graduated May 2025

Winona State University, Rochester/Winona, MN Current GPA: 3.42

- Coursework includes Java, software engineering principles, databases, SQL, and security management.
- Created an Emotional Recognition software project, achieving 60% accuracy.

SKILLS

- **Languages:** [Python](#), [Java](#), [TypeScript](#), [Swift](#), HTML, CSS, [JavaScript](#), [Rust](#)
- **Cloud:** [Lambda](#), [DynamoDB](#), [Terraform](#), [SQS/SNS](#), [StepFunctions](#), [S3](#), [API Gateways](#)
- **AI/ML:** [SegmentLidar](#), [SegmentAnything](#), LLMs, [LLAMA](#)
- **Development Tools:** [Git/GitHub](#), [GitHub Actions](#), [VSCode](#), [Docker](#)
- **Databases:** [MySQL](#), [DynamoDB](#)
- **Development Tools:** [Terraform](#), [Lambda](#), [GitHub](#)
- **Specialization:** Computer Vision, [GDAL](#), [PDAL](#), Cybersecurity

REFERENCES UPON REQUEST

[PERMANENT ONLINE RESUME](#)