

## Thomas Donnelly

28515 890th Ave. | Austin, MN 55912

(507) 279-9097 | tommymdonnelly@gmail.com

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

## EXPERIENCE

### Software Engineering Intern May 2023 - Aug 2023

*Hobu Inc., Iowa City, IA May 2024 - Aug 2024*

- Worked with a small team to plan and develop software utilizing LIDAR data.
- Employed Meta's open-source neural network, Llama, to classify large LIDAR maps into categories such as ground, water, buildings, and vegetation using Python.
- Developed a Slack app that returns a STAC of tiled geological maps stored on AWS, utilizing Terraform for architecture and Typescript for Lambda functions.

### 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 May 2025

*Winona State University, Rochester/Winona, MN*

- Current GPA: 3.35
- Coursework includes Java, software engineering principles, databases, SQL, and security management.
- Created an Emotional Recognition software as part of a neural network project, achieving 60% accuracy.

## SKILLS

- **Programming:** [Python](#), [Java](#), [Typescript](#), [Swift](#), HTML, CSS, [Javascript](#)
- **Cloud Services:** [Amazon Web Services \(AWS\)](#)
- **Databases:** [MySQL](#), [DynamoDB](#)
- **Development Tools:** [Terraform](#), [Lambda](#), [Github](#)
- **Specialization:** Computer Vision, [GDAL](#), [PDAL](#)
- **Other:** Teamwork, software engineering, neural networks

## REFERENCES UPON REQUEST

[Document Made Using Github Actions](#)