

**Internship:** Lead a project focused on optimization of the food recovery supply chain in Minnesota, and conduct waste audits at a facility.

**Company:** Second Harvest Heartland (SHH) – Brooklyn Park, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college or graduate student to lead a project focused on food recovery supply chain optimization, with a secondary focus on waste reduction and diversion with SHH. The intern will work with MnTAP and SHH to investigate inefficiencies in donating food to recipients and collecting food from various sources. The intern will also evaluate waste (food and solid) opportunities for SHH, aided by the project advisor. The intern will quantify these opportunities and develop suggestions to reduce waste, reduce diesel use and employee time in fleets, and maximize food recovery.

### JOB DUTIES:

As part of this project, you will be asked to complete the following tasks:

1. Identify all data pertaining to donations to SHH and recipients of donations.
2. Identify all other locations Second Harvest could be sourcing from and donating to with other maps/available data.
3. Using big data techniques, optimize the food recovery system in the state, stipulating how donations could be better sourced, shipped to recipients, and where opportunity may exist for further rescue.
4. Identify and quantify opportunities for minimization and diversion of solid waste, including food waste in SHH facility.
5. Make recommendations for specific improvements based on research, testing, and calculation that will result in waste savings, more food recovery, and diesel fuel savings across the supply chain.
6. Estimate waste and fuel savings from implementation of provided recommendations, then prioritize suggested changes using simple payback methods for financial justification.
7. As appropriate, support implementation of approved process changes or outline plans for future implementation.
8. Summarize findings in a detailed report, including recommended procedures and vendor proposals along with an economic analysis and justification of changes.
9. Present findings to the company and at MnTAP-hosted public presentation events.

As an intern, you will work at Second Harvest Heartland and report back to MnTAP. The position is full time, 40 hours per week, for three months to start after the conclusion of spring semester or quarter. Pay is \$19/hour, with a lump sum stipend of \$1,500 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to \$22.00/hour when averaged over the project. Candidates must pass a background check.

### QUALIFICATIONS:

- U.S. work authorization
- Good oral & written communication skills
- A technical academic background
- Troubleshooting skills
- Self-motivated
- Excel and other software skills
- Cumulative GPA of at least 3.0
- Preferred majors: *Software engineering, math, data analytics, supply chain management and others as applicable*

### TO APPLY:

Apply online at:

[www.mntap.umn.edu/interns/student/apply/](http://www.mntap.umn.edu/interns/student/apply/)

Remember to submit your application form, cover letter, resume, and unofficial transcript.

Applications can be addressed to:

Matt Domski, Intern Program Manager

200 Oak Street SE, Suite 350-1

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**MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY**