

# Spencer Fick

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608-408-4012

## Local:

135 Lafayette St Apt #302  
Winona, MN 55987

## Permanent:

W7918 Jonathan Drive  
Pardeeville, WI 53954

**Objective** Composite Material Engineer with 3 years of college experience seeking to apply and increase my technical and professional expertise to grow into a working engineer.

**Education** **Winona State University** Winona, MN

Bachelor of Science in Composite Materials Engineering (In Progress)

Senior standing – 93 credits earned

Expected Graduation Date: May 2021

Relevant courses taken so far:

Organic Chemistry

Polymer Chemistry

Introduction to Composites

Engineering Statistics

Composite Manufacturing

Polymer Science and Characterization

Intro to Finite Element Analysis

Engineering Graphics and Design

## Experience

**Menards** – Winona, Minnesota Aug 2020 - Present

**Engineering Internship - Solvay (Cytec)** – Winona, Minnesota, Dec 2018 -Jan 2020

- Design drawings using Solidworks and Autodesk
- Compose, implement, and review process instructions
- Managing and running maintenance safety meetings
- Support Process and Project Engineers as necessary

**Vector & Ink**– Wisconsin Dells, WI, Delivery Driver May 15 – Aug 11, 20(‘17 & ‘18)

**Monsanto**– Arlington, WI, Corn Pollinator May 25 – Aug 15, 2016

## Skills

### Software:

- Solidworks, Microsoft Office, Google Applications, Mathematica, R Software, Moldflow

### Thermal Analysis:

- TGA, TMA, DSC, DMA, and FTIR

### Manufacturing:

- Wet layup, injection molding, autoclave, extrusion, filament winding, pultrusion, compression molding.

### Communication

- Work well in groups, individually, and with a variety of personality types

## Activities and Honors

- SAMPE/SPE Club August 2017-Present
  - Winona State SAMPE Vice President August 2019-Present
  - Active member and participant in club activities
  - Participated in middle school science and engineering teaching
  - Building of a composite Longboard
- Advancement of WSU Composite Materials Engineering Scholarship Spring 2020