

# John (Jack) Schumacher

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## Education:

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Winona State University – Winona, MN

Expected Graduation Date: May 2022

Bachelor of Science degree, Composite Materials Engineering (ABET Accredited)

Minors: Math, Polymer

GPA: 3.33

## Professional Experience:

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Solvay Composite Materials

Winona, MN

Process Engineering Intern

March 2020-May 2020 & December 2020-Current

- Managed site projects and worked with contractors to support maintenance of business involving the facility and manufacturing process equipment. Put in charge of projects up to 20K.
- Had to gather work scope, quotes, and issued POs to companies when needing to contract work.
- Played lead technical roles to ensure that process safety obligations, within OSHA standards, are met include maintaining of safety file, lead/participate in PHAs, MHAs, MOCs and PSSR.
- As an intern, was put in charge of managing the maintenance department for a short period of time. Managed work orders, Maintenance Techs, mandatory maintenance, weekly inventory checks, and maintenance process instructions.
- Provided support and collaborated with Quality Engineers, Process Engineers, Production Engineers, and operations team.

Core Molding Technologies

Winona, MN

Production Engineering intern

August 2020-November 2020

- Handled testing of products such burn off tests, impact testing, viscosity testing, among other quality checks.
- Did observational studies of main production equipment. Logged data pulled from equipment; coordinated it with floor lead.
- Volunteered and worked with Ops/floor work when company needed help and was understaffed.

Earth Blinds, LLC.

Chippewa Falls, WI

Fiberglass Lay up Operator

May 2019-August 2019

- Molded and constructed hunting blinds made of heavy-duty fiberglass, designed with an innovative, *patent-pending EARTH technology*, blend in with the environment.
- Worked with fiberglass in order to cast a hunting blind onto a mold, removed blinds from the molds.
- Used fiberglass to engineer many parts for different jobs for various companies.

Viking Sink Company

Cadott, WI

Demolder and Cultured Marble Sink Pourer

May 2017-August 2017 & May 2018-August 2018

- Worked at composite materials-based company that is a leader in manufacturing high quality standard and custom cultured marble, quartz, granite, and solid surface products.
- Worked with the cultured marble mixing calcium carbonate and resin in order to pour into sink molds.
- Utilized molds to cast residential and commercial polymer products into sinks and countertops.
- Headed the demolding station in charge of demolding all sinks. Coordinated which sinks went to each truck.

## Leadership:

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- Winona State University student athlete in football for 2.5 years.
- Winona State University – Composite Engineering Club member.
- Chippewa Falls High School student athlete and team captain in football.
- Have Management experience with Jimmy Johns; Made schedules, managed employees, and ordered inventory based on sales projections

## Technical Skills:

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- Proficient in computer software such as Business SAP, Microsoft Office, Microsoft Excel, Solidworks, and Mathematica
- Has experience with testing equipment like DSC, TGA, TMA, FTIR, and DMA

## Core Competencies:

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- Leadership
- Strategic thinker and problem solver
- Collaborator – Team oriented
- Ability to lead, organize, and plan
- Motivated
- High Standards in ethics and loyalty