




Parker Schurhammer

Aspiring Engineer








 Winona, MN, 55987

 (651) 448-1014

 parker.schurhammer@go.winona.edu

Aspiring Engineer focused on process improvement, quality, writing reports, researching solutions, and implementing company procedures. Willingness to learn, follow instructions and work cooperatively within team environments. Computer competencies include SolidWorks, IQMS, Moldflow and MS Excel.

Skills

Organization	
Self-Driven	
Technical Writing	
Communication	
Excellent problem-solving skills	
SolidWorks proficiency	
Ability to analyze data	

Work History

2021-08 – Current

Process Technician

Avient, Winona, MN

- In charge of material quality testing including flexural, tensile, impact and specific gravity testing. Recorded data was manually imported into the quality management system.
- Researched improvements to increase efficiency and reduce costs of the testing procedures.
- Held meetings with application engineers of testing equipment supplier (Instron) to discuss quotes and budget proposals for desired testing equipment.
- Sent CoAs to customers in compliance with requested mechanical testing data.
- Plotted Stress vs Strain curves using collected raw testing data as requested.

2021-05 – 2021-08

Composite Materials Engineering Intern

Avient, Winona, MN

- Assisted in operating LFT Pultrusion lines and various Injection Molders.
- Created several parts using SolidWorks, which were then analyzed using a variety of FEA tests and Autodesk Moldflow.
- Rotated through several departments within the company including, production, R&D, quality, molding and design.
- Worked on several intern projects focused on quality. These projects included formulating and implementing quality control material limits for ISO standard production.
- Navigated and managed parts of the quality management system.
- Created several work instructions.

2019-01 – 2021-05

Product Handler

Fastenal, Winona, MN

- Independently located and picked merchandise by hand and by operating turret truck machinery to fulfill daily customer orders.
- Moved incoming products into totes in teams of 3-4, which were then put into storage via conveyer system.
- Help train new employees in order to maximize efficiency and productivity.

Education

2018-08 - Current

Bachelor of Science: Composite Material Engineering

Winona State University - Winona, MN

- Unofficial GPA - 3.61
- Minor in Polymer Chemistry and Math
- Received Presidential Academic Scholarship in 2018.
- Received HNI Scholarship in 2020.
- Dean's List for 4 semesters
- Coursework in Calculus, Organic/Polymer Chemistry, Mechanics and Properties of Materials, Thermodynamics, Statistics and more.
- Member of National Society of Collegiate Scholars
- ASM Member
- Lean Six Sigma Green Belt Certification (In progress)

Hobbies

- Golfing
- Any outdoor activities such as hiking, fishing, etc.
- Watching sports

