Name

Email **PRESENT ADDRESS**: Linkedin

OBJECTIVE To acquire a position in the pulp and paper industry that will allow me to apply LSS principles to meaningful process improvement and cost reduction projects.

EDUCATION North Carolina State University, Raleigh, North Carolina Overall GPA: 3.620

Bachelor of Science, Paper Science and Engineering – May 11, 2019 Bachelor of Science, Chemical Engineering – May 11, 2019 Minor: Business Administration

EXPERIENCE Intern Process Engineer (Summer 2018)

International Paper – Franklin, VA Fluff Pulp Mill

- Collected and analyzed pulp consistency and COD data, prepared SOPs, verified conductivity meter accuracy, and justified an O_2 delignification system capital project with over $200,000 in annual savings.
- Developed a checklist for troubleshooting high water usage and reducing water consumption in the Fibers Department.
- Organized installation of sample points for a saveall material balance.
- Gained valuable experience with balancing multiple projects, applying feedback, making progress with limited information, and utilizing MiniTab and Microsoft Excel.

Engineering Intern (Summer 2017) *Voith – Appleton, WI Press Fabrics Plant*

- Conducted trials for reducing washing and cooling times.
- Prepared a flow diagram for scrap processing, actively participated in a scrap reduction project, and communicated quality issues with operators through approximately forty quality alerts.
- Prepared for an ISO audit by engaging in a document control project.

Intern/Co-op Process Engineer (Fall 2014, Summer 2015, Summer 2016)

WestRock/RockTenn – Florence, SC Linerboard Mill (Pulp, Paper, and Power)

- Tested and analyzed wood chip quality, OCC pulp quality, in-line consistency meter accuracy, and tabletop moisture meter accuracy.
- Prepared work instructions for continuous sampling and testing.
- Created a stock flow diagram, collected and analyzed data, and evaluated profitability for a paper machine 100% OCC trial.

• Participated in a Lean Six Sigma sheet break reduction project.
• Observed LOTO, felt seaming, a wire change, and a bearing change.
• Prepared diagrams of paper machine sections and conveyor systems.
• Developed a PI Processbook display for power plant operators.

HONORS AND Pulp and Paper Scholarship, TAPPI Scholarship, RPTA Scholarship, Forest Biomaterials Department **ACTIVITIES** Head Search Committee, Mu Beta Psi (Member at Large, Pledge Master, Risk Manager, Public Relations and Brotherhood Committee Chair, National Executive Committee, Legislative Council, National Committee of Expansion), Raleigh Wesley Foundation Praise Band (Lead Singer)