

Adeline Aguspranoto

17319 13th Dr SE, Bothell, WA 98012

Phone: 425-551-9956

Email: adelineaguspranoto@gmail.com

EDUCATION

Bachelor of Science: Bioresource Science & Engineering
University of Washington – Seattle, WA GPA: 3.48, Major GPA: 3.65

December 2019

Associate of Science: General Engineering
Edmonds Community College- Lynnwood, WA

June 2016
GPA: 3.43

WORK EXPERIENCE

Manufacturing Engineer

Fluke Corporation- Everett, WA

- Reduce production cost by 5x through qualifying equivalent parts from new supplier with ensurement on quality and performance
- Perform Kamishibai audit at least 2x/week on production floor to identify hazards and work with team leads to eliminate them
- Maintain quality of products and keep DPPM under limit through:
 - Create quarterly reports for MRB sheet metal issues
 - Update/ improve part drawings and processes work instructions
 - Discuss production issues/quality reports with operators and work on countermeasures
 - Execute process improvements based on customer feedbacks
- Updating BOM and system changes to ensure inventory accuracy and productivity/ OTD improvement
- Improve on time delivery and past due backlog through:
 - Find and qualify alternates on parts that are not available/at limited capacity through other suppliers or building wire harnesses in house
 - Working with material coordinator and supplier on returning defective parts to ensure quick turnover
- Day to day:
 - Maintain daily SQDIP boards up to date and summarize
 - Ensuring 5S is still followed in a daily basis
- Projects:
 - Compliance → work with the compliance team and identify changes needed to be made to ensure customer's safety. Research and compare parts used for the update, test changes, update documentations with operators on following new guidelines work instructions, conduct radial uniformity testing on units,
 - EOL/supply chain-related projects: cable harnesses (out of business) and sheet metal (production capacity)Sheet Metal Transition: due to production capacity
 - Lead design of existing product to have updated parts
 - Organize MRB, disposition items top appropriate bins, create monthly scrap summaries, separate by issues, categories, relay feedback to supplier
 - RoHS3: work with component engineering on finding alternate to parts that are not RoHS3, perform testing on unit to ensure quality and performance, update documentations/systems, work with team to quarantine parts, work with design engineering to remove LVM

Adeline Aguspranoto

17319 13th Dr SE, Bothell, WA 98012

Phone: 425-551-9956

Email: adelineaguspranoto@gmail.com

Process Engineering Intern

July 2019-September 2019

Sonoco Products Company- Sumner, WA

- Analyzed production runs and determine optimum machine speed for production
- Troubleshoot production issues by measuring stock consistencies throughout the paper machine
- Performed first pass retention (FPR) on machine's wet-end to estimate fiber loss

Process Engineering Intern/ Quality Engineering Intern

July 2018-December 2018

Cascades Tissue Group- St. Helens, OR

- Maximized sales by at least \$300,000 through selling under-specification products
- Optimized production by determining optimum oven-curing time for wet-strength products
- Discussed production issues and observations with operators on a daily basis
- Performed profile testing and daily quality testing on tissue grades
- Inspected on-hold rolls and ensure their quality are within specs
- Organized and supervised grade development trials
- Reviewed operating procedures and analyze mill performance
- Analyzed feedstock quality through freeness testing

Undergraduate Technician

September 2017-March 2018

University of Washington- Seattle, WA

- Analyzed grape stems and vines' morphology as biomass for pulp, paper, and biofuel industry
- Correlate properties of grape stems and vines with conventional feedstocks
- Commercialized Britt Jar drainage device using different retention aids
- Evaluated retention aids' effectiveness on fines retention and drainage rate
- Optimized process and cost for papermaking

Server

July 2017-August 2017

Chateau at Bothell Landing- Bothell, WA

- Assisted, served, and supported residents
- Cleaned and reset tables according to company's guidelines

Test Center Administrator

March 2017-July 2017

Prometric Testing Center- Mountlake Terrace, WA

- Maintained and implemented expert knowledge of center policies, practices, and procedures
- Greeted examinees, validated identification, managed and watched over tests

SKILLS

- Java, AutoCAD, MS Office, Matlab, R Studio
- PlantApps, PARCview, SAP, CAS097, MES
- Thermodynamics, Paper Properties, Material Science, Organic Chemistry, Technical Writing
- Process Modeling & Optimization, Material/Energy Balance, Bioresource Transport
- Diligent, trustworthy, disciplined
- Proactive, logical, productive
- Teamwork, leadership, management

Adeline Aguspranoto

17319 13th Dr SE, Bothell, WA 98012

Phone: 425-551-9956

Email: adelineaguspranoto@gmail.com

ACTIVITIES

Member of TAPPI

Member of Phi Sigma Theta Honor Society

Coordinator of Liturgy- St. Catherine of Siena Parish

Volunteer- Edmonds Community College

September 2017-Present

January 2017-Present

May 2016-May 2017

January 2015-June 2016