

ALBERT MEUSE



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OBJECTIVE

Process Engineer with one year of experience in industry performing mass & energy balance calculations, conducting statistical analyses, writing technical documents, & commissioning new systems. Intending to use my knowledge of chemical/process engineering & strong communication skills to help grow Georgia Pacific as a process engineer.

SUMMARY OF QUALIFICATIONS

- Highly proficient in Excel, Word, & PowerPoint
- Excellent technical writing skills
- Strong grasp of chemical engineering principles
- Familiarity with commissioning new processes & pipe sizing
- First-rate written and verbal communication skills
- Superb interpersonal skills
- Exposure to proposing & coordinating trials in an industrial setting
- Adept at designing experiments & interpreting data

EXPERIENCE

PROCESS ENGINEERING INTERN

NORTH PACIFIC PAPER COMPANY

June 2018 – June 2019

- Conducted a wide range of studies to help improve process reliability (water usage, saveall efficacy, meter calibration) & product quality (water absorptiveness, strength metrics, color profiles)
- Assisted the commission & startup of new processes in the mill
- Provided testing support, coordinated tank cleaning on shutdowns, completed miscellaneous tasks at the behest of senior engineers

UNDERGRADUATE RESEARCH LAB ASSISTANT

ANTHONY DICHARA CARBON NANOMATERIALS LAB

September 2019 – June 2020

- Characterized graphene aerogels in terms of surface area, pore area, & density
- Designed experiments determining the adsorption/desorption rates of methylene blue dye onto graphene aerogels
- Fit the adsorption/desorption data using kinetic models

EXPANDED DISPATCH RECORDER

PUGET SOUND INTERAGENCY COMMUNICATION CENTER (U.S. FOREST SERVICE)

June 2017 – September 2017

- Provided first response to incidents occurring within the USFS jurisdiction of the Mount Baker-Snoqualmie and Olympic National Forests
- Coordinated travel arrangements for fire resources travelling to incidents

FIELD MANAGER

ENVIRONMENT WASHINGTON

June 2016 – September 2016

- Raised awareness about bee-killing pesticides and colony collapse disorder through grassroots advocacy in our local communities
- Lead and coordinated activities for a crew of environmental advocates

CASHIER

UNIVERSITY OF WASHINGTON DRIVING RANGE

June 2013 – Present

- Sell buckets, help customers sign up for classes, range maintenance

EDUCATION

BIORESOURCE SCIENCE & ENGINEERING (BS, WITH HONORS), ENVIRONMENTAL SCIENCE & RESOURCE MANAGEMENT (BS), CHEMISTRY (MINOR)

UNIVERSITY OF WASHINGTON – JUNE 2020

- 3.52 GPA
- Annual Dean's List 2016-2017, 2017-2018, 2019-2020

RELEVANT COURSEWORK & GRADE

- Engineering Principles of Biorefineries (3.8), Transport Phenomena (3.9), Natural Products Chemistry (3.8), Papermaking Processes (3.7), Organic Chemistry I (3.6), Organic Chemistry II (3.8), Inorganic Chemistry (4.0) Bioresource Laboratory (4.0) Technical Writing (3.9), Probability & Statistics (4.0), Public Speaking (3.9)

INTERESTS & HOBBIES

- Playing & watching sports (particularly basketball & football)
- Hiking, backpacking, mountaineering
- Mindfulness
- Producing & listening to music