

Sinthia Rossin

Chemical Engineer

Profile

Over 5 years of experience as a Chemical Engineer in the industry. Proven track record of developing and managing projects from inception to completion. Experienced in process improvements, project management, cost analysis, and chemical plant operations. Highly skilled in communicating with clients and team members to ensure successful project execution. Ability to work independently with little supervision while still meeting deadlines and ensuring quality standards are met.

Employment History

Chemical Engineer II at Dupont, DE

Apr 2022 - Present

- Implemented a new process for manufacturing widget A that increased production by 25% while reducing cost by 15%.
- Developed and implemented a plan to reduce Sewage Treatment Plant effluent levels of compound X by 75%.
- Investigated and resolved 24 customer complaints regarding the production of widgets C.
- Led team in redesigning packaging for product D, which resulted in a 10% decrease in shipping damage.
- Created an online resource library consisting of over 200 documents useful to widget engineers worldwide.

Chemical Engineer I at Dow, DE

Aug 2017 - Mar 2022

- Successfully designed and implemented a new process for manufacturing plastic that reduced waste by 25%.
- Successfully created a new paint formula that decreased production costs by 10%.
- Utilized chemical engineering principles to develop a more efficient way to produce widget X, which increased productivity by 15%.
- Led team of engineers in conceiving, designing, and constructing an on-site laboratory within the factory.
- Completed project ahead of schedule and under budget.
- Authored groundbreaking paper on application of physics to widgets.

Education

Bachelor of Science in Chemical Engineering at University of Delaware

Sep 2013 - May 2017

I've learned how to design and operate chemical processes and how to optimize them for maximum efficiency.

Certificates

Certified Chemical Engineer (CCE)

Oct 2020

Certified Hazardous Materials Manager (CHMM)

Jun 2019

Details

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Links

[linkedin.com/in/sinthiarossin](https://www.linkedin.com/in/sinthiarossin)

Skills

Chemistry

Physics

Mathematics

Fluid Mechanics

Heat Transfer

Mass Transfer

Thermodynamics

Languages

English

Russian

Hobbies

Organic Chemistry

Inorganic Chemistry

Physical Chemistry