



Elona Brad

Principal Process Engineer

I am a highly skilled and experienced process engineer with over 5 years in the field. I have gained a wealth of knowledge and experience in process engineering, which has allowed me to become an expert in my field. I thrive when working on new and challenging projects, and enjoy working with teams to find creative solutions to problems. My strengths include project management, troubleshooting, root cause analysis, process optimization, and Process Hazard Analysis (PHA). I am also proficient in multiple software programs related to process engineering, including Aspen HYSYS®, Chemcad®, Pro II®, Unisim®

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(131) 385-2545 

123 Washington Street, 
Wilmington, DE 19801

Education

**Bachelor of Science in
Chemical Engineering at
University of Delaware, DE**

Aug 2013 - May 2017

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

Links

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

Skills

Process engineering

Chemical engineering

Project management

Process optimization

Six Sigma

Lean manufacturing

Kaizen

Employment History

Principal Process Engineer at Delaware Engineering Group, DE

Jun 2022 - Present

- Implemented a new process that increased efficiency by 15% and decreased production costs by \$20,000 per month.
- Trained and mentored junior engineers, leading to an overall increase in team productivity by 25%.
- Developed a safety program that reduced on-the-job injuries by 50% over the course of one year.
- Led a project to update outdated equipment and machinery, resulting in a 20% decrease in downtime.
- Successfully negotiated with vendors for more favorable contract terms, saving the company \$100,000 annually.

Senior Process Engineer at G.E. Richards Engineering, DE

Sep 2017 - Apr 2022

- Reduced process cycle time by 30%.
- Implemented new lean manufacturing techniques which reduced production costs by 15%.
- Developed a new product which generated \$5 million in revenue in the first year.
- Led a team of engineers in developing a new manufacturing process which increased productivity by 20%.
- Successfully completed 5 major projects on schedule and within budget.

Certificates

Certified Six Sigma Black Belt

Dec 2020

Certified Process Engineer

Jan 2019

Memberships

American Institute of Chemical Engineers (AIChE)

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