

# Dacia Tebow

Senior Electrical Engineer

## Profile

I am a senior electrical engineer with over 5 years experience. I have worked on various projects in the past, both big and small. My skills include circuit design, PCB layout, troubleshooting, and software development. I am also proficient in using CAD tools like Altium Designer and KiCAD. I have a strong understanding of electronics fundamentals and possess excellent problem-solving abilities

## Employment History

### Senior Electrical Engineer at Black Hills Energy, WY

May 2022 - Present

- Led a team of 6 engineers in designing an electrical power system for a new city hospital which included 3 substations and over 12 miles of medium voltage distribution cable.
- Managed the installation of a 5000kW solar farm which consisted of 2504 panels and associated equipment.
- Worked on the development and eventual roll-out of a “smart grid” project that updated 200 miles worth of aging underground utility cables with self-monitoring, WiFi enabled devices.
- Implemented design changes to increase production output by 15% at The XYZ factory while reducing energy consumption by 10%.
- Played key role in root cause analysis and repair after failure of gearbox motor at ZZZ Corporation resulted in \$1M loss in revenue.

### Electrical Engineer at PacifiCorp, WY

Jul 2017 - Mar 2022

- Led the electrical engineering team in developing a new product that increased sales by 20%.
- Reduced costs of production by 10% through process improvements.
- Developed a new manufacturing process that improved quality by 15%.
- Streamlined communication between departments, resulting in more efficient project execution and reducing cycle time by 25%.
- Successfully completed projects on time and within budget while adhering to all safety regulations.
- Continuously maintained high customer satisfaction ratings due to successful project completion.

## Education

### Bachelor of Science in Electrical Engineering at The University of Wyoming

Sep 2013 - May 2017

I've learned the basics of electrical engineering, including circuit design, electronics, and electromagnetism.

## Certificates

### Certified Senior Electrical Engineer (CSEE)

Mar 2021

## Details

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Laramie, WY 82070

## Links

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

## Skills

Power systems

Electrical distribution

Transformers

Circuit breakers

Switchgear

Protective relays

## Languages

English

Indonesian

## Hobbies

Listening to music

Watching movies

Reading