

Lesli Springsted

Research Engineer II

Details

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Profile

I am a research engineer with over 5 years of experience in the industry. I have worked on many different projects, including researching and developing new technologies. I am very good at problem solving and have excellent communication skills.

Employment History

Lead Research Engineer at Sentera, LLC, AK

Jun 2022 - Present

- Demonstrated expertise in designing and conducting research projects, as evidenced by leading 3 successful projects with teams of 4-6 people.
- Published 2 papers in peer-reviewed journals based on research conducted.
- Developed new method for testing the viability of cultured cells which increased cell survival rates by 20% compared to traditional methods.
- Created a novel approach to data analysis that reduced the time spent analyzing data by 50% while still maintaining accuracy levels.

Senior Research Engineer at Geo synthetic Systems, LLC, AK

Aug 2017 - Apr 2022

- Led a team of engineers in developing a new product that increased sales by 20%.
- Successfully completed development of 3 products within budget and on schedule.
- Improved design quality for 2 products, resulting in a 10% reduction in customer returns.
- Reduced production costs by 15% for 1 product line through process improvements.
- Authored 5 papers that were published in leading industry journals.

Education

Master of Science in Electrical Engineering at University of Alaska Fairbanks

Aug 2013 - May 2017

I've learned about the design, analysis, and implementation of electrical and electronic circuits and systems.

Links

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