Anniston Lelievre

Physical Scientist

Diligent Physical Scientist with 1 year of experience in conducting research, analyzing data, and developing innovative solutions in various scientific domains. Demonstrated ability to work collaboratively in multidisciplinary teams, combined with strong analytical, problem-solving, and communication skills. Eager to contribute to research projects and advance scientific understanding in a dynamic work environment.

anniston.lelievre@gmail.com

(341) 603-8457

123 Main St, Billings, MT 59101

Education

Master of Science in Physics at Montana State University, Bozeman, MT

Sep 2018 - May 2022

Relevant Coursework: Advanced Quantum Mechanics, Statistical Mechanics, Solid State Physics, Particle Physics, Astrophysics, Electromagnetism, Experimental Physics, Computational Physics, and General Relativity.

Links

linkedin.com/in/annistonlelievre

Skills

- Spectroscopy
- Chromatography
- Crystallography
- Mass spectrometry
- Electron microscopy
- Nuclear magnetic resonance (NMR)
- X-ray diffraction

Employment History

Physical Scientist at Montana Instruments Corporation, MT

Feb 2023 - Present

- Developed a new cryogenic system that increased efficiency by 25%: As a Physical Scientist at Montana Instruments Corporation, I successfully designed and implemented a state-of-the-art cryogenic system. This innovation not only improved the performance of our products but also led to a 25% increase in overall efficiency, greatly benefiting our clients and enhancing our company's reputation in the industry.
- Secured a $2 million research grant for advanced materials development: I played a pivotal role in securing a highly competitive $2 million research grant from the Department of Energy for the development of advanced materials. This funding allowed our team to expand its research capabilities, leading to several breakthroughs in material science and solidifying Montana Instruments Corporation as a leader in the field.
- Led a successful collaboration with a major research institution, resulting in four published papers: I initiated and managed a collaboration between Montana Instruments Corporation and a renowned research institution. Our joint efforts led to four published papers in prestigious scientific journals, further establishing our company's expertise.

Associate Physical Scientist at Applied Materials, MT

Aug 2022 - Jan 2023

- Successfully optimized a semiconductor manufacturing process, resulting in a 15% increase in production efficiency and a 5% reduction in material waste within six months.
- Developed and implemented a new testing methodology for evaluating the performance of thin film materials, leading to a 10% improvement in product reliability and a 20% reduction in testing time.
- Collaborated with a cross-functional team to design and execute a pilot project for integrating advanced data analytics into the company's manufacturing processes, ultimately boosting overall productivity by 8% and reducing equipment downtime by 12%.

Certificates

Certified Professional Geologist (CPG)

Oct 2021