

CONTACT INFORMATION

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WORKING EXPERIENCE

Altamari

Colorado Springs, Colorado
August 2017 - February 2021

Physicist

- Performed complex calculations as part of the analysis and evaluation of data, using computers.
- Analyzed data from research conducted to detect and measure physical phenomena.
- Designed computer simulations to model physical data so that it can be better understood.
- Collaborated with other scientists in the design, development, and testing of experimental, industrial, or medical equipment, instrumentation, and procedures.
- Developed manufacturing, assembly, and fabrication processes of lasers, masers, infrared, and other light-emitting and light-sensitive devices.

Aston Group

Colorado Springs, Colorado
August 2014 - August 2017

Physicist

- Analyzed data from research conducted to detect and measure physical phenomena.
- Reported experimental results by writing papers for scientific journals or by presenting information at scientific conferences.
- Collaborated with other scientists in the design, development, and testing of experimental, industrial, or medical equipment, instrumentation, and procedures.
- Developed manufacturing, assembly, and fabrication processes of lasers, masers, infrared, and other light-emitting and light-sensitive devices.
- Developed standards of permissible concentrations of radioisotopes in liquids and gases.

Corobi

Colorado Springs, Colorado
August 2012 - August 2014

Physicist

- Performed complex calculations as part of the analysis and evaluation of data, using computers.
- Analyzed data from research conducted to detect and measure physical phenomena.
- Reported experimental results by writing papers for scientific journals or by presenting information at scientific conferences.
- Collaborated with other scientists in the design, development, and testing of experimental, industrial, or medical equipment, instrumentation, and procedures.
- Developed manufacturing, assembly, and fabrication processes of lasers, masers, infrared, and other light-emitting and light-sensitive devices.

EDUCATIONAL QUALIFICATION

Master of Physics

Science
Meldreth University
Colorado Springs, Colorado
February 2009 - February 2012

SKILLS

- Understanding written sentences and paragraphs in work related documents.
- Using scientific rules and methods to solve problems.
- Using mathematics to solve problems.
- Understanding the implications of new information for both current and future problem-solving and decision-making.
- Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

QUALIFICATIONS

- Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.
- Knowledge and prediction of physical principles, laws, their interrelationships, and applications to understanding fluid, material, and atmospheric dynamics, and mechanical, electrical, atomic and sub- atomic structures and processes.
- Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.
- Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.
- The ability to choose the right mathematical methods or formulas to solve a problem.