

Engineer / Scientist – Optical or Electro-Optical

Nutronics, Inc. in Boulder, CO ([www.naosystems.com](http://www.naosystems.com)) is seeking 1 or 2 highly motivated engineers or scientists. A broad range of technical skills, listed below, are desired. The ideal candidate will possess a majority of these skills and be committed to training to become an expert in Adaptive Optical (AO) system technology. A candidate that uses a flexible and dynamic but structured approach to technical problem solving is ideal.

This job offers a unique opportunity for the right candidate. Even if you already are familiar with AO technology or are working in the field – you will learn to think of AO systems from a new perspective.

Technical Skills required in daily job execution:

- Installation, alignment, and integration of optics, electro-optics, & mechanics (combination of COTS & custom mechanics & optics)

- Integration for control of electro-optical / mechanical components using MATLAB and/or C/C++ (normally involving code re-use)

- Integration of auto-alignment algorithms

- MATLAB GUI Development and Integration

- System Test and Evaluation

- Data Processing and analysis using MATLAB

- User Manual Development and / or Technical Report Writing (i.e. good technical writing skills are beneficial)

- Experience in C/C++, Labview is beneficial

- Experience / knowledge of feedback control systems is beneficial

- Experience in ZEMAX is beneficial

Nutronics, Inc., located in Boulder CO, solves the nation's most demanding problems in laser propagation through turbulence.

Nutronics, Inc. is an equal opportunity employer and is committed to provide equal opportunity to employees and job applicants.

Nutronics, Inc. offers a competitive pay and benefits structure. Details will be provided in the hiring process.

This position requires the ability to obtain and maintain a U.S. DoD Security Clearance.

Please send cover letters & resumes to [jbarchers@naosystems.com](mailto:jbarchers@naosystems.com).