

Please note: Raytheon will waive the 2 year work experience requirement for CIS students, and it has been confirmed that imaging science graduates meet the educational requirements.

Resumes should be posted through rayjobs.com. Search in the Requisition ID number.

EO Analyst II

Requisition ID 27246BR

Salary Grade E02

Job Description **Job Description:**

The Signal Processing Center at Raytheon Missile Systems is seeking an engineer to work in a teaming environment to develop and implement algorithms to solve signal processing problems for imaging systems. Example applications include image conditioning, object detection and tracking, cross sensor platform track registration and classification, and resolved object image segmentation and characterization.

Responsibilities could include writing simulation model code or real time embedded code for complex systems/subsystems and analysis of real and simulated data. Work experience with imaging systems and image processing algorithms is desired.

Required Skills:

- Knowledge of Linux, programming languages such as C/C++, Matlab and Simulink, and Fourier analysis.
- Good communication, interpersonal, planning and scheduling skills.

Desired Skills:

- Knowledge of Microsoft suite of products (WORD, EXCEL, PowerPoint), Kalman filtering, and software debugging techniques.
- Familiarity with hardware/software integration.

Required Education (including Major):

- B.S. degree in Math, Physics, Electrical Engineering, Computer Science or Optical Science and 2 years of the desired work experience.

Type Of Job Full Time

Relocation Yes

Eligible

Clearance Type Secret

Business Missile Systems

Work Location AZ - Tucson

Expertise Systems Engineering

ERIP Eligible No

Hiring Manager Karen Tilden

Sr. EO Analyst I

Requisition ID 27250BR

Salary Grade E03

Job Description **Job Description:**

The Signal Processing Center at Raytheon Missile Systems is seeking an engineer to work in a teaming environment to develop and implement algorithms to solve signal processing problems for imaging systems. Example applications include image conditioning, object detection and tracking, cross sensor platform track registration and classification, and resolved object image segmentation and characterization.

Responsibilities will include working with senior engineers to develop algorithm requirements, analyze system performance and develop solutions to a variety of technical problems of large scope and complexity.

Required Skills:

- Knowledge of Linux and programming languages (such as C/C++, Matlab and Simulink), the Microsoft suite of products (WORD, EXCEL, PowerPoint), Fourier analysis, and software debugging techniques.
- Familiarity with image processing algorithms and imaging systems. Ability to work with minimal supervision.
- Good communication, interpersonal, planning and scheduling skills.

Desired Skills:

- Familiarity with Kalman filtering, hardware/software integration, and with real-time and embedded software systems.
- Ability to produce technical documentation including customer briefings and specifications.

Required Education (including Major):

- B.S. or M.S. in Math, Physics, Electrical Engineering, Computer Science or Optical Science, and 4 years of work experience with imaging systems and associated algorithm development.

Type Of Job Full Time
Relocation Eligible Yes
Clearance Type Secret
Business Missile Systems
Work Location AZ - Tucson
Expertise Systems Engineering
ERIP Eligible No
Hiring Manager Karen Tilden

Sr Electro-Optical Engineer I

Requisition ID 28038BR

Salary Grade E03

Job Description **Sr. Systems Engineer I (E03 / CE07)**

Job Description:

This candidate shall be able to perform day-to-day integration and verification activities for advanced Electro Optical (EO) sensors. Understand test purposes and requirements. Develop and refine test methods, test procedures, and test scripting. Perform tests, quick-look analysis and documentation of test results. Work with multiple engineering disciplines including sensor assembly, test equipment design including sensor control, high speed video capture, test automation, infrared scene projection, video analysis and calibration file generation, precision IMU alignment and space factory operations. Be able to lead small teams in integration and test efforts.

Security: Position requires a current Department of Defense Security Clearance at SECRET level or above. At a minimum, an Interim Secret clearance will be required in order to start to work.

Required Skills:

- Bachelor's degree and minimum 4 years applicable experience.
- A minimum of 4 years experience in the assembly, integration and test of EO Seekers.
- Competency in the use of computer analysis tools and demonstrated laboratory measurement skills are required.
- Solid communication and teaming skills are a must.
- General knowledge of EO seekers, trackers, and IMUs.
- Ability to produce high-quality test procedures and technical reports

Desired Skills:

- Experience using MatLab and IDL experience preferred.
- EO/electronics background.
- Experience with test equipment, test automation scripting, test conduction, sensor control, and data acquisition.
- EO Sensor/seeker integration and verification experience.
- Familiarity with production test processes and test problem report disposition.

Education:

- Bachelor's degree required.
- Majors: Electrical Engineering, Physics, Optics or other technical degree.

Type Of Job Full Time
Relocation Yes
Eligible
Clearance Type Secret
Business Missile Systems
Work Location AZ - Tucson
Expertise Electrical Engineering
Systems Engineering
Optics/Optical Engineering
ERIP Eligible Yes
Hiring Manager Robert Haek

Raytheon is an equal opportunity employer and considers qualified applicants for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, gender identity and expression, age, disability, or Vietnam era, or other eligible veteran status, or any other protected factor.