The Air Force Research Laboratory (AFRL) is a scientific research organization operated by the United States Air Force Materiel Command dedicated to leading the discovery, development, and integration of affordable aerospace warfighting technologies, planning and executing the Air Force science and technology program, and providing warfighting capabilities to United States air, space, and cyberspace forces. It controls the entire Air Force science and technology research budget which was $2.4 billion in 2006. (http://www.wpafb.af.mil/AFRL/)

**Electrical/ Optics/Electro-Optics Engineer; RF, EO, and IR Sensors, Wright-Patterson AFB OH**

**POSITION DUTIES:** Electrical/Optics/Electro-Optics Engineer conducts applied research creating revolutionary technologies ensuring success of US systems. Leads development for a technology area, making significant contributions to meet team goals in support of national objectives. Applies knowledge electrical and electromagnetic phenomena and the fundamentals of electrical and electronics engineering; including aerospace instrumentation, electronic and optical devices and phenomena, systems and devices that transmit and sense, detect or guide radio frequency, visible, infrared or ultraviolet radiation; power generation, power distribution, and systems which use electromagnetic energy to determine, exploit, reduce or prevent hostile use of the electromagnetic spectrum. Plans and manages the engineering development, production and deployment of systems, subsystems and associated equipment while striving to meet cost, schedule, performance, and supportability criteria as determined by requirements. Demonstrates effective speaking skills for briefings and collaborates extensively with stakeholders internal and external to the organization; recognizes opportunities and formulates plans, contributes technically establishing new technical opportunities. Applicants may require up to a TS/SCI clearance.

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