Call for Summer 2020 Absolute Radiometric Calibration Intern - Colorado Space Grant Summer Internship

Assist remote sensing scientists at MAXAR with scientific field work to calibrate Earth observing satellites. Gain hands-on experience in the operation of field equipment for satellite radiometric assessment including field spectrometers, Sun photometers and weather instruments. MAXAR has summer openings for full-time absolute radiometric calibration interns. Students will work in the field collecting scientific data, as well as have projects to work on in the office during non-calibration days. The internships will begin in mid-May and work will continue through August within the university summer break. We are seeking students who can commit to a full-time position for the summer. Hands-on training will be provided in the field and projects will be given according to skillset and interests.

Duties and Responsibilities:

- Work with a team of scientists and fellow interns to deploy calibration equipment throughout the summer at the Fort Lupton, CO, USA calibration range
- Split time between Colorado offices (Ft. Lupton, Longmont and Westminster)
- Maintain and operate scientific field equipment
- Assess field data and contribute to sensor calibration efforts
- Personal summer project assigned that relates to your major and interests

Minimum Requirements:

- Must be able to pick up moderately heavy equipment
- Must be able to work outdoors for extended periods of time
- Must be a reliable and punctual team player
- Must be a motivated self-starter
- Must have reliable transportation
- Undergraduate and graduate-level students encouraged
- Any and all majors encouraged to apply (Liberal arts, as well as science!)
- Must be a U.S. Citizen

Additional Qualifications:

- Experience with Python, GDAL in Linux environment a plus
About Maxar
MAXAR is a vertically integrated, new space economy story, including segments across the value continuum for every moment leading up to and following launch. We lead in satellite communications (building and operating), ground infrastructure, Earth observation, advanced analytics, insights from machine learning, next-generation propulsion, space robotics, on-orbit servicing, on-orbit assembly, and protection of space assets through cybersecurity and monitoring of space systems. By integrating our leading-edge capabilities, we provide innovative, cost-effective solutions, value for customers, and thus unlock the multiplier effect of our combined businesses.

Maxar Technologies values diversity in the workplace and is an equal opportunity/affirmative action employer. All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color, religion, national origin, disability, protected veteran status, age, or any other characteristic protected by law.

About Colorado Space Grant Consortium (COSGC)
The COSGC is funded by NASA and is a state-wide organization involving 21 colleges, universities and institutions around Colorado. Our organization provides Colorado students access to space through innovative courses, real-world hands-on telescope and satellite programs, and interactive outreach programs. Our students interact with engineers and scientists from NASA and aerospace companies to develop, test, and fly new space technologies and to support our outreach and teaching programs.

We welcome all students and are always looking for way to enhance their experience through new interactions and collaborations with NASA, government agencies, and companies.

Contact:
For further information you may contact Michele Kuester at MAXAR (mkuester@digitalglobe.com) or Chris Koehler with the Colorado Space Grant Consortium (koehler@Colorado.EDU). This position will be filled through the Colorado Space Grant Program. http://spacegrant.colorado.edu/boulderstudents/howtogetinvolved