



**Website:** <http://www.conservationmetrics.com>

**Title:** Acoustic Analyst  
**Location:** Santa Cruz, California

**Job Description:**

Conservation Metrics, Inc. is a fast-growing start-up committed to improving wildlife conservation through better monitoring. We specialize in using automated sensor networks and sophisticated detection and classification algorithms to increase the power of wildlife monitoring projects while reducing costs and logistical constraints. We have a global client base; including government agencies, non-government organizations, foundations, and energy companies. Projects include Before/After Control/Impact studies to quantify and compare the effectiveness of conservation actions, long-term monitoring projects, and surveys for species that may be extinct and/or data deficient.

The **Acoustic Analyst** processes recordings from passive acoustic sensors to detect and classify sounds of interest as part of wildlife survey and monitoring projects. Typical job duties will include managing data intake; applying detection models; reviewing classification outputs; summarizing analysis results; and drafting tables, figures, and text for reports. This position will be supervised by CMI's Operations Manager, and will work collaboratively with our entire team of analysts and managers. CMI offers a fast-paced and dynamic work environment that encourages creativity and innovation. The position marries cutting edge technology (data science, sensor networks, Big Data, machine learning, etc.) with traditional fieldwork and research questions about fascinating species and ecosystems. Your work will have a direct impact on wildlife conservation.

**Qualifications**

- 1-2 years of experience in data science, script-based software (R, Python, Matlab), and data classification techniques
- 1-2 years of experience in ecological research and/or monitoring projects. Experience with automated sensors and remote sensing technology is particularly beneficial
- BA/BS in Applied Math, Biology, Computer/Data Science, Statistics, Zoology or related disciplines
- Ability/Interest in learning new analysis techniques, and improvising and improving our own detection and classification software
- Excellent English language skills. Fluency in a second language is a plus
- Excellent organizational skill, ability to: work independently, solve problems with limited supervision, and prioritize workload to meet deadlines

**Compensation:** CMI offers a salary and benefits package that is competitive for the duties described, commensurate with experience. Our work schedule is 8-5:30 Monday through Thursday.

**To Apply:** Please send a cover letter, resume and 3 references to Jeff Schlueter at: [analystjob@conservationmetrics.com](mailto:analystjob@conservationmetrics.com)

**Deadline:** March 1, 2017