



Help us fight climate change.

Methane emissions are hard to find but easy to fix. Help us solve that.

Project Canary is a Colorado-based B-Corporation that provides real-time emissions monitoring to energy and landfill companies in order to reduce greenhouse gas emissions. We're looking for an applied mathematician or atmospheric scientist who can apply their scientific and/or mathematical expertise to the following problems to help us on our mission to reduce emissions (via an NSF-funded grant):

- 1) Signal processing for spectroscopy
- 2) Atmospheric or computational fluid mechanics and chemical transport simulation
- 3) Data analytics of field data from atmospheric and chemical sensors

Having an understanding of (or a willingness to brush up on) inverse methods, Bayesian inference, and/or signal processing would be helpful. Additionally, having coding or data processing experience and being comfortable in a Unix or other cloud-based HPC environment is desirable.

About us (Project Canary)

Project Canary (<http://projectcanary.com/>) is a mission-driven B-Corp that independently assesses the carbon and environmental footprints of carbon-intensive industries like oil and gas. Project Canary achieves this by ingesting data from a wide variety of sources, including its own environmental sensors, to calculate carbon emissions from different facilities in real-time. Currently, large swaths of the chain have no direct measurements. With hundreds of environmental and air quality sensors currently deployed around the country, Project Canary can definitively claim that not all facilities are created equally.

About you

You have intellectual integrity & are always willing to learn.

We're learning everyday and we hope you can too; that process requires honesty. The data we collect is critical to our planet and our customers, and getting it wrong has consequences. Uncertainty is fine and so is admitting mistakes, but there's too much at stake here to be the next Theranos.

Your relevant skills and experience include:

- Background in math, applied math, atmospheric science, planetary science, statistics, computer science, physics, engineering, or other related field
- Experience wrangling large datasets
- Experience with a scientific computing language

Additionally, you are:

- Willing to commit to weekly work remote meetings
- Available either full or part time
- Possibly tolerant of mediocre puns in the workplace
- Preferably available immediately

Other position details:

- Fully remote (company offices are based in Denver and Austin)
- US-based (NSF funding requires you be physically in the US even if you're an American citizen abroad)
- Full-time or part-time (negotiable)
- Immediate start date available (negotiable)
- Salary range: <https://www.bls.gov/bls/blswage.htm>.

Email your resume to anna.scott@projectcanary.com or careers@projectcanary.com today.