

## Engineering/Physical Science Interns

Trace Matters, a start-up company in Somerville, MA and member Greentown Labs -- the largest clean technology incubator in the world -- is hiring entrepreneurial and outgoing engineering and/or physical science interns! Do you have what it takes to push the boundaries in your field and help develop game-changing technologies? If so, then keep reading!

At Trace Matters, we are making next generation of simple, portable, and low-cost miniature mass spectrometers to provide lab-grade chemical analysis readily available at the point of need/action. Trace Matters is looking for motivated engineering/physical science interns to join our team. Our startup company has recently been funded by NASA to assist with the development of space exploration technology and is working on a range of other exciting initiatives across industries.

As an intern, you'll have opportunities to network and work on stimulating projects, delivering quality work that has a positive and lasting influence. By providing an insider view of how a cutting-edge, innovative, and entrepreneurial startup company operates, the internship will provide for outstanding education in the field and rewarding hands-on experience for interns of all levels.

While our Intern Program is open to engineering and physical science majors of all levels and experience, candidates should have strong analytical backgrounds, be hardworking, energetic, open to new challenges, and willing to learn.

### Responsibilities

- Assist with testing and developing various electronics boards, including high voltage and RF boards
- Assist with ion simulation in electromagnetic fields
- Assist with programing with microcontrollers and Labview

### Requirements

Applicants should be engineering or science majors. Laboratory experience is essential, as is experience conducting scientific experiments. Excellent research and presentation skills, and experience with related software such as Labview and micro-controller programing will also be considered favorably when reviewing applications. Must have knowledge of Microsoft Office applications. Knowledge of engineering design tools a plus. Ability to perform a wide variety of tasks in support of electrical engineering product development and support.

### Majors

Engineering and Physical Science majors.  
High voltage, RF, and power electronics experience are highly desired.

### Compensation

This is a paid internship.