**Title: RDD Engineering intern**

**About us:**

Actasys is a venture-backed development stage company commercializing its unique ActaJet™ technology with a focus on the automotive and transportation industries. Actasys is commercializing ActaJet, a unique technology for managing airflow for cooling and sensor cleaning applications for safety and greater energy efficiency in the automotive and transportation industry.

**About the role:**

We are looking for interns to join our system development team. Your primary focus will be to research, design, prototype and test sub-systems and support system development to enable solving two pressing challenges in smart mobility - battery cooling and vision sensors cleaning.

**Responsibilities:**

* Collaborate with teammates, consultants, partners to develop advanced concepts for battery cooling and sensor cleaning systems.
* Support development and reporting activities to program sponsor, New York State Energy Research and Development Authority (NYSERDA).
* Build performance prototypes to be tested in studio and road tests.
* Design and build validation setups, including data acquisition, processing, and visualization in order to verify performance.
* Develop design, test and validation requirements based on vehicle, system, and customer requirements.

**Qualifications/ Skills/ Experience:**

* Pursuing a degree in engineering, science, design or a related field.
* Proficiency with commercial CAD software such as NX or SolidWorks.
* Proficiency with MATLAB and Python
* Experience in design, prototyping, and testing.

**Preferred:**

* FEA and CFD analysis.
* Knowledge in thermodynamics.

**Location:**

* Company is based in Brooklyn, NY.

Actasys provides the opportunity to be involved in advanced, cutting edge technology and product development for innovations shaping major industries. We offer a dynamic work environment that relies on the professionalism, responsibility, and drive of our team members, and fosters a culture of cooperation, ethics, accountability and creativity. Our reputation rests on our integrity, capability, and credibility. We are an equal opportunity employer and support diversity and inclusion throughout our team.

This is a Full Time 6 Month Internship in Brooklyn NY