

## **Refrigeration Engineering Research Intern**

A start-up technology based company in Northern California, whose goal is to deliver integrated refrigeration equipment throughout world, is recruiting for this position. The company partners with water users to save energy and to reduce operating expenses for condensing atmospheric moisture, utilizing state of the art refrigeration and condensing technologies.

The company is expecting several years of sustained growth, operating in a dynamic industry, and takes pride in our culture of responsibility and innovation. We are looking for a Refrigeration Engineering Research Intern. You must be a mechanically minded individual with a strong background in thermodynamics and heat transfer in order to work in the lab and in the field evaluating commercial atmospheric water condensing technologies. You will be responsible for managing, researching, evaluating, and testing equipment performance. The overall goal of the work with the company is to evaluate and incorporate new technologies to optimize the water production with the minimum amount of energy input, in order to develop the highest level of safety, quality, efficiency and conformance to the goal.

Current base of operations: Richmond, CA

### **Essential Duties/Responsibilities:**

- Utilize strong thermodynamic/heat transfer skills to evaluate potential technologies for energy use and impact on water condensation
- Develop methodology to evaluate and report on energy use and water condensation utilizing various thermodynamic and chemical processes.

### **Basic Qualifications:**

- Strong thermodynamic/heat transfer background.
- Must be detailed oriented and have excellent organizational skills.
- Computer skills including but not limited to Microsoft (Excel, Word)
- Effective communication skills (oral and writing)
- Ability to work independently and as a team
- Ability to accurately work under pressure in meeting deadlines.
- Effective analytical and problem-solving skills
- Ability to multi task effectively

### **Education:**

- Minimum 3 years of mechanical engineering/thermodynamic studies at an accredited four-year college or university.
- Work experience in the refrigeration industry desired by not required.

### **Job Type:**

- Full -time for summer and possibly part-time into next school term

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