

### **Job Description: Research Intern**

Research interns at NanoGraf Technologies will work closely with the core research team to maintain a high volume of material production and to advance research initiatives. Interns will be accountable for a variety of day-to-day lab operations including: materials synthesis (wet chemistry), electrochemical analysis, and materials characterization. Other science related tasks include preparation of literature reviews and technical reports.

### **Candidate Requirements**

- Prior materials research experience in battery materials or energy storage devices (fuel-cells, supercapacitors). Experience with graphene or silicon materials a plus
- Capable of collaborating efficiently with a small research team
- Proficient in data analysis using excel
- Meticulous and thoughtful experimenter
- Excellent writing / verbal communication skills
- Quick learner and adaptable to rapid change
- Passionate, ambitious, and personable

### **Additional Desirable Attributes**

- Characterization experience with the following instruments: SEM, TEM, XPS
- Proficient with excel macros
- Coding experience
- Academic research paper writing experience

### **About NanoGraf Technologies**

NanoGraf Technologies is an advanced materials manufacturer based in Chicago, IL that has developed and patented a unique platform of anode materials to improve the performance of Li-ion batteries. Our technology utilizes a composite of silicon and graphene in a layered structure, which was developed, optimized, and patented by the NanoGraf team.

Interested in joining our team? Please send resume to [samir@nano-graf.com](mailto:samir@nano-graf.com)