Job Title: **Summer Intern for Solid-State Battery Design**

Location: **Tucson Tech Park, Near UA Campus, Tucson AZ 85719**

About Ampcera

Ampcera Inc. is a US-based innovator and global leader in the development and commercialization of solid-state electrolytes which will enable next generation lithium batteries for high performance electric vehicles and wearable electronics. Our company is located in central Tucson next to the University of Arizona campus. Ampcera has an open culture of out-of-box thinking and teamwork and is looking for a summer intern to join the team.

**Designated supervisors:** Chen Chen, Ph.D. Sr. Battery Research Scientist

**Job Description:** The summer intern will work alongside our battery research scientist to develop cutting-edge solid-lithium battery technology by optimizing cell design to increase energy density. During the internship they'll gain in-depth understanding of lithium batteries, how they function, state-of-the-art material research, battery design principles, and mathematical and experimental tools to build them. Moreover, they'll also gain additional project management and presentation skills necessary for career development. This opportunity may also lead to long term employment at Ampcera.

**Requirements:**

- Solid foundation in college physics and mathematics
- Proficiency in Microsoft Office is required
- Excel programming skills is a plus
- Must have excellent verbal and written communication skills
- Proficiency in English is required
- Eager-to-learn attitude and strong work commitment
- Organized work habit and capable of following safety protocol
- No Citizenship is required

*Ampcera Inc. is an Equal Employment Opportunity (EEO) employer and welcomes all qualified applicants. Applicants will receive fair and impartial consideration without regard to race, sex, color, national origin, age, disability, veteran status, genetic data, gender identity, sexual orientation, religion or other legally protected status, or any other classification protected by federal, state, or local law.*
Job Title: **Summer Intern for Battery Material Testing Apparatus Design**

Location: **Tucson Tech Park, Near UA Campus, Tucson AZ 85719**

**About Ampcera**

Ampcera Inc. is a US-based innovator and global leader in the development and commercialization of solid-state electrolytes which will enable next generation lithium batteries for high performance electric vehicles and wearable electronics. Our company is located in central Tucson next to the University of Arizona campus. Ampcera has an open culture of out-of-box thinking and teamwork and is looking for a summer intern to join the team.

**Designated supervisors:** Emery Brown, Ph.D. Sr. Battery Research Scientist

**Job Description:** The summer intern will work alongside our battery research scientist to design and construct testing apparatuses in order to better understand the fundamental properties of newly developed solid-state electrolyte materials. During the internship they’ll gain in-depth knowledge of critical battery material properties and characterization techniques. In addition, they’ll gain hands-on experience from concept design, to construction and optimization. The intern will also gain additional project management and presentation skills necessary for career development. This opportunity may also lead to long term employment at Ampcera.

**Requirements:**

- Solid foundation in college physics and mathematics
- Strong graphic drawing capability, knowledge in AutoCAD is preferred
- Must has excellent verbal and written communication skills
- Proficiency in English is required
- Eager-to-learn attitude and strong work commitment
- Organized work habit and capable of following safety protocol
- No Citizenship is required

*Ampcera Inc. is an Equal Employment Opportunity (EEO) employer and welcomes all qualified applicants. Applicants will receive fair and impartial consideration without regard to race, sex, color, national origin, age, disability, veteran status, genetic data, gender identity, sexual orientation, religion or other legally protected status, or any other classification protected by federal, state, or local law.*