



Offer: Professional Internship (1)

Position: Battery Repurposing Technology Intern

Host Company Name: SLS Energy

Address:

- Kigali, Rwanda (Regional ICT Center of Excellence Bldg, KG 11 Av;
- Plot No A8, Kigali Special Economic Zone Phase II

Duration: 6 months

Professional Internship Start Date: November 4, 2024

Monthly Stipend given to professional intern: 100,000 Frw covered by EPD

Priority: Fresh Graduates: (Not more than 2 years sharp after graduation)

Note: Female are encouraged to apply

About the Host Company: Visit their website: <https://www.slsenergy.io/>

Position Overview:

SLS Energy is seeking a dynamic and versatile Tech Intern to join our innovative team focused on lithium-ion battery repurposing. This internship offers a unique opportunity for recent graduates to engage in hands-on projects that contribute to sustainable energy solutions. The intern will assist in various tasks, from battery management system development to the integration of energy storage solutions..

Key responsibilities:

- Collaborate with engineers to design and implement solutions for repurposing lithium-ion batteries for second-life applications.
- Assist in the grading, matching, and testing of battery cells to ensure optimal configurations for reuse.
- Support the development of battery management systems (BMS) and energy monitoring systems, including programming and troubleshooting.
- Participate in the assembly and testing of repurposed battery packs, ensuring safety and performance standards are met.
- Conduct research on emerging technologies and best practices in battery repurposing and renewable energy integration.
- Help in creating documentation, including technical specifications, reports, and project updates.
- Engage in team meetings and brainstorming sessions to contribute ideas for innovative projects.
- Assist with fieldwork and practical applications of energy storage systems in real-world settings.
- Other duties as assigned by the engineering team.

Skills & Qualifications:

- Masters' Degree in Electrical Power Systems, or in Renewable Energy
- Bachelor's Degree in Electrical Engineering, Renewable Energy, Mechanical Engineering, or a related field.
- Advanced Diploma in Renewable Energy Technology
- Strong analytical and problem-solving skills with a passion for sustainability and renewable energy.
- Familiarity with battery technologies, particularly lithium-ion systems, is a plus.
- Proficiency in relevant software tools for engineering design and data analysis.
- Excellent communication skills, both verbal and written.
- Ability to work collaboratively in a team environment and adapt to changing priorities.
- Eagerness to learn and grow within a fast-paced, innovative company.

Benefits:

- Hands-on experience in cutting-edge renewable energy projects.
- Mentorship from experienced professionals in battery technology and engineering.
- Opportunities for professional development and networking.
- Work on impactful projects focused on sustainability and renewable energy.
- Potential for long-term career opportunities within the company upon successful completion of the internship. (e.g: Job, etc)

Application:

- **Application Deadline:** October 22, 2024
- **[Apply Here](#)**

Candidate selection & date:

- Shortlisted : October 23-24, 2024.
- Interview call & confirmation email: October 25, 2024
- Interview Period: 28th-31st October, 2024
- Onboarding: November 4, 2024.