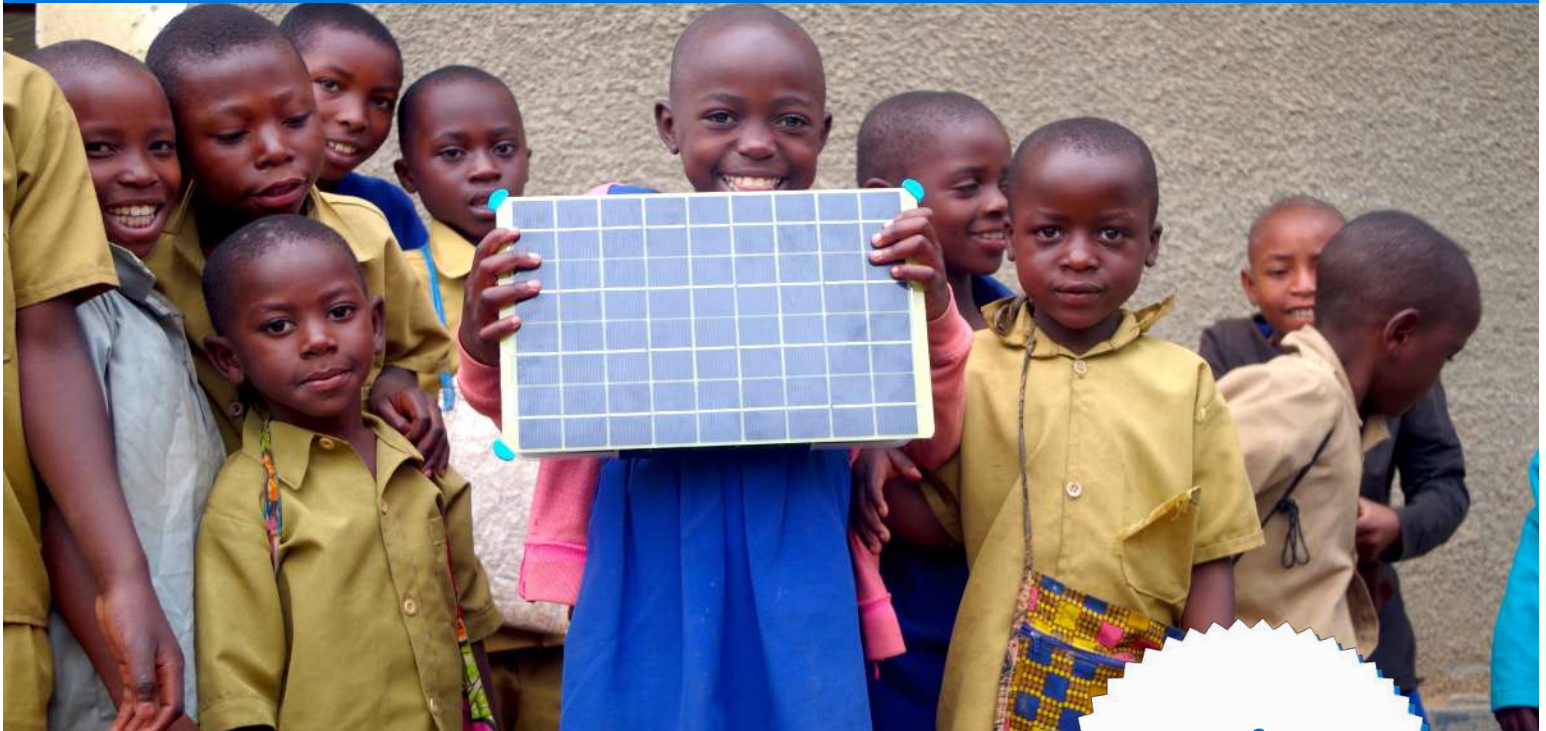


WE'RE SEEKING **YOUR** SKILLS!

Help us provide relevant, localized educational content to resource-constrained locations around the world.



SolarSPELL[®]

**Join
today!**

Gain real-world experience, while making an impact!

SolarSPELL is a solar-powered offline digital library, designed to provide localized educational content to regions around the world that lack reliable access to the Internet or electricity. As a student-focused initiative, we seek to engage students from all academic disciplines. Contact us today to get involved!

We offer students the following opportunities:

- ✓ Internships
- ✓ Student worker positions
- ✓ Volunteer experience
- ✓ Applied research

www.solarspell.org

team@solarspell.org

ASU Arizona State University



Fellowship title: SolarSPELL Content Curation Fellowship

Organization: SolarSPELL (Solar Powered Educational Learning Library)

Location: Tempe/SkySong Campus

Start date: September 16, 2019 **End date:** December 6, 2019

Number of hours/week: 10-15

Type of fellowship: Paid

Application deadline: September 6, 2019

Description: SolarSPELL is seeking (up to) 4 fellows to curate regionally-relevant, open access, educational content for various collections in the SolarSPELL library. In particular, the SolarSPELL team is seeking one French speaking and one Spanish speaking fellow; however, this is not a requirement to apply for general content curation fellowships. This position is part-time. You will be required to attend a mandatory SolarSPELL on-boarding workshop; we will be offering sessions on both September 16th and 17th, though you only need to attend one session.

SolarSPELL is an offline digital library designed to bring educational content to resource-constrained locations that may lack electricity, Internet connectivity, and/or traditional libraries. The SolarSPELL library emits an offline Wi-Fi hotspot, to which any Wi-Fi capable device (smartphones, tablets, laptops) can connect and browse the expansive content for free.

More information on SolarSPELL can be found here: <http://solarspell.org>

This fellowship offers an exciting opportunity to contribute to improving the quality of educational information available to students and teachers around the world, whose schools may lack Internet connectivity, electricity, and/or traditional libraries. Your contributions will be brought to the field and used by teachers and students, within months of your fellowship!

Fellows will be expected to attend a content curation training workshop for new fellows and identify areas for content curation that will supplement existing activities and programs. Ideal candidates will be detail oriented and proactive in their content curation tasks.

Potential content curation project areas include:

1) AZ Natural Resources

- Interns will curate content specific to Arizona's natural resources
- Interns will curate STEM-related content for application with an outdoor camp
- Interns will curate content specific to Native American communities in Arizona

- There will be some travel to northern Arizona required for interns focusing on the AZ Natural Resources library.

2) Mexico

- Interns will curate content in Spanish
- Interns will focus on content specific to STEM fields
- Interns will focus on content specific to sustainability in the region

3) Pacific Islands and East Africa

- Interns will curate content related to STEM fields
- Interns will curate locally-relevant content to the region
- Interns will focus on content specific to sustainability in the region

Other general tasks might include:

- Tagging and organizing of content within the library database
- General research on regions and countries of implementation

How to apply: If you are interested in applying for this position, please submit a cover letter and resume to Sara Jordan (Sara.Jordan@asu.edu).



Fellowship title: SolarSPELL Curriculum Developer

Organization: SolarSPELL (Solar Powered Educational Learning Library)

Location: Tempe/SkySong Campus

Start date: September 16, 2019 **End date:** December 6, 2019

Number of hours/week: 10-15

Type of fellowship: Paid

Application deadline: September 6, 2019

Description: SolarSPELL is seeking (up to) 3 fellows to develop regionally-relevant lesson plans and learning modules for the East Africa SolarSPELL digital library. This position is part-time. SolarSPELL is an offline digital library designed to bring educational content to resource-constrained locations that may lack electricity, Internet connectivity, and/or traditional libraries. The SolarSPELL library emits an offline Wi-Fi hotspot, to which any Wi-Fi capable device (smartphones, tablets, laptops) can connect and browse the expansive content for free. To date, there are 272 SolarSPELL digital libraries in the field across the Pacific Islands (Vanuatu, Samoa, Fiji, Tonga, and Micronesia) and East Africa (Rwanda, Comoros, and South Sudan). You will be required to attend a mandatory SolarSPELL on-boarding workshop; we will be offering sessions on both September 16th and 17th, though you only need to attend one session.

More information on SolarSPELL can be found here: <http://solarspell.org>

This fellowship offers an exciting opportunity to contribute to educational opportunities around the world. You will be creating lesson plans, teaching tools, and learning modules for use by teachers whose schools may lack electricity, Internet connectivity, and/or traditional libraries. Your contributions will be brought to the field and used by teachers around the world, within months of their creation!

Fellows will be expected to (1) attend a content curation training workshop for new fellows (2) conduct research on curriculum standards, best practices, and curriculum innovations pertaining to SolarSPELL's implementation sites (3) assist with the designing of SolarSPELL learning modules and (4) design lesson plans and student worksheets that incorporate SolarSPELL resources. Ideal candidates will be detail oriented, self-starters. Candidates who are fluent in French or Spanish with translation experience preferred.

How to apply: If you are interested in applying for this position, please submit a cover letter and resume to Chloe Scott (Chloe.Scott@asu.edu).



Fellowship title: SolarSPELL Content and Curriculum Developer- Lesotho

Organization: SolarSPELL (Solar Powered Educational Learning Library)

Location: Tempe/SkySong Campus

Start date: September 16, 2019 **End date:** December 6, 2019

Number of hours/week: 10-15

Type of fellowship: Paid

Application deadline: September 6, 2019

Description: SolarSPELL is seeking a self-motivated individual to develop lesson plans and learning modules, in addition to curating regionally-relevant educational content. In particular, this position would be developing curriculum and content for Lesotho, to support an upcoming SolarSPELL project. You will be required to attend a mandatory SolarSPELL on-boarding workshop; we will be offering sessions on both September 16th and 17th, though you only need to attend one session.

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More information on SolarSPELL can be found here: <http://solarspell.org>

This fellowship offers an exciting opportunity to contribute to improving the quality of educational information available to students and teachers in Lesotho, whose schools may lack Internet connectivity, electricity, and/or traditional libraries. Your contributions will be brought to the field and used by teachers and students, within months of your fellowship!

Fellows will be expected to (1) attend a Content Curation Training Workshop and curate regionally-relevant educational materials for Lesotho 2) assist with designing SolarSPELL learning modules and (3) design lesson plans and student worksheets that incorporate SolarSPELL resources. Ideal candidates will be detail oriented, self-starters. A successful candidate will be flexible to developing lesson plans on various platforms, with training provided by the SolarSPELL team.

How to apply: If you are interested in applying for this position, please submit a cover letter and resume to Kristen Linzy (Kristen.Linzy@asu.edu).



Fellowship title: SolarSPELL Metadata Fellow

Organization: SolarSPELL (Solar Powered Educational Learning Library)

Location: Tempe/SkySong Campus

Start date: September 16, 2019 **End date:** December 6, 2019

Number of hours/week: 10-15

Type of fellowship: Paid

Application deadline: September 6, 2019

Description: SolarSPELL is seeking 1 fellow to assist the Metadata Specialist and Library Specialist in cleaning and organizing the metadata for our library collection of over 4000 resources. The fellow will perform detailed tasks that require a high level of precision and patience. They will also assist with tagging our content with relevant data and preparing it to be added to our library database. Fellows should have prior experience in organizing and cataloging data, and should have an interest in working with large amounts of data. You will be required to attend a mandatory SolarSPELL on-boarding workshop; we will be offering sessions on both September 16th and 17th, though you only need to attend one session.

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More information on SolarSPELL can be found here: <http://solarspell.org>

This fellowship offers an exciting opportunity to contribute to improving the quality of educational information available to students and teachers around the world, whose schools may lack Internet connectivity, electricity, and/or traditional libraries. Your contributions will be brought to the field and used by teachers and students, within months of your fellowship!

Fellows will be expected to attend a new fellow orientation the last week of August. Ideal candidates will be detail oriented and self starters.

Fellowship duties will include the following:

- Learn metadata tagging standards for the SolarSPELL project
- Assist with metadata tagging of new and current library resources
- Assist with standardizing data to ensure all fields are complete
- Cross reference resources to avoid duplicates
- Verify copyright permission of the resources

- Proficient with Google applications (i.e. Sheets, Docs, etc.)
- Ability to efficiently learn new software for data entry and organization
- Ability to work well independently
- Extremely detail-oriented and organized

How to apply: If you are interested in applying for this position, please submit a cover letter and resume to Sara Jordan (Sara.Jordan@asu.edu).



Fellowship title: SolarSPELL Software Developer Fellow I

Organization: SolarSPELL (Solar Powered Educational Learning Library)

Location: Tempe/SkySong Campus

Start date: September 16, 2019 **End date:** December 6, 2019

Number of hours/week: 10-15

Type of fellowship: Paid

Application deadline: September 6, 2019

Description: SolarSPELL is seeking a student fellow for the Fall 2019 semester as a software coder to improve the programming for the SolarSPELL Digital Library Management System and provide ongoing support, while developing documentation for future support in this area. The fellow will need to be knowledgeable in Python, React JS, and have Non-SQL database skills in order to perform their tasks. They will be working closely with SolarSPELL's Technical Advisor, Library Specialist, Metadata Specialist, and Software Developer in order to improve and maintain the Digital Library Management System (DLMS). You will be required to attend a mandatory SolarSPELL on-boarding workshop; we will be offering sessions on both September 16th and 17th, though you only need to attend one session.

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This fellowship offers an exciting opportunity to contribute to improving the quality of educational information available to students and teachers around the world, whose schools may lack Internet connectivity, electricity, and/or traditional libraries. Your contributions will be brought to the field and used by teachers and students, within months of your fellowship!

Fellows will be expected to attend a mandatory new fellow orientation on September 6th, 2019. Ideal candidates will be detail oriented and self starters.

Fellowship duties will include the following:

- Support/improve SolarSPELL's Digital Library Management System code
- Use React JS skills to improve the user interface
- Use python coding skills to improve and maintain the front end and back end functions

- Use non-SQL database skills to develop and improve the DLMS
- Manage the project in Trello

How to apply: If you are interested in applying for this position, please submit a cover letter and resume to Sara Jordan (Sara.Jordan@asu.edu).



Fellowship title: SolarSPELL Software Developer Fellow II

Organization: SolarSPELL (Solar Powered Educational Learning Library)

Location: Tempe/SkySong Campus

Start date: September 16, 2019 **End date:** December 6, 2019

Number of hours/week: 10-15

Type of fellowship: Paid

Application deadline: September 6, 2019

Description: SolarSPELL is seeking 1 fall fellow to integrate a new, open source application into our offline digital library. We are seeking someone with a web developer skill set who would be developing a way to access Scratch coding games and activities on our offline digital library. In particular, the Software Developer Fellow would be working to develop this application to support an upcoming project in Lesotho. The fellow will need to be knowledgeable in HTML5 in order to perform their tasks. They will be working closely with SolarSPELL's Technical Advisor and Library Specialist to carry out their tasks. You will be required to attend a mandatory SolarSPELL on-boarding workshop; we will be offering sessions on both September 16th and 17th, though you only need to attend one session.

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More information on SolarSPELL can be found here: <http://solarspell.org>

This fellowship offers an exciting opportunity to contribute to improving the quality of educational information available to students and teachers around the world, whose schools may lack Internet connectivity, electricity, and/or traditional libraries. Your contributions will be brought to the field and used by teachers and students, within months of your fellowship!

Ideal candidates will be detail oriented and self starters.

Fellowship duties will include the following:

- Identify challenges involved in implementing the Scratch app and Scratch projects onto an offline digital environment.
- Ensuring that the Scratch app and Scratch projects are easy to access and use.
- Using various coding skills to implement Scratch seamlessly onto our offline digital library.

How to apply: If you are interested in applying for this position, please submit a cover letter and resume to Sara Jordan (Sara.Jordan@asu.edu).