



## **Rust Software Developer**

**Internship title:** Software Developer Intern

**Organization:** ASU SolarSPELL Initiative (Solar Powered Educational Learning Library)

**Location:** Tempe campus and/or remote

**Type of internship:** For credit or non-paid; approximately 10 hours per week. This internship counts toward **CPT/OPT** for international students.

**Application deadline:** April 30; applications will continue to be accepted and reviewed every week until the position is filled.

**Start date:** May 19, 2025

### **Description:**

SolarSPELL is seeking a team of interns who want to utilize their passion for computer science to make a positive impact on global access to information and education. The SolarSPELL team is looking for someone who has a background in web development. It is preferred to have experience with Rust but not required. Interns will be working on building a full-stack web application with a focus on speed and efficiency.

Interns will be expected to attend a new intern orientation upon the start of the internship. Ideal candidates will be detail-oriented, self-starters, and have a desire to work for a department that serves communities from all over the world.

### **Background:**

SolarSPELL is a global educational initiative at Arizona State University that combines solar-powered technology, digital libraries, and local capacity building. We work to build internet-ready skills and improve educational opportunities around the world. Our offline digital library is 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 WiFi hotspot, to which any WiFi capable device (smartphones, tablets, laptops) can connect and freely surf thousands of resources that are carefully curated and continually improved to meet local information needs.

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

This internship 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 electricity and/or access to the Internet.

**Essential Duties:**

- Work with SolarSPELL's IT expert to maintain and improve an existing project
- Develop novel solutions to interesting or difficult problems
- Make recommendations on alterations and improvements to the application being used
- Communicate with end users to understand wants and needs

**Minimal Qualifications:**

- Knowledge of HTML and CSS
- Basic understanding of Rust
- Web development experience
- Full-stack experience
- Thrive in a team environment and work well with others
- Detail oriented and reliable; a strong and honest work ethic motivates you
- Globally minded; you have a desire to work for a department that serves communities from all over the world

**How to apply:** If you are interested in applying for this position, please visit <https://bit.ly/intern-SPELL-SU25>. You will need to upload a resume and cover letter. All documents should be in PDF format and follow the naming style of [LastName\_FirstName\_DesiredPosition]. If you have any questions, please contact SolarSPELL's student engagement Coordinator, Cassie Barrett, at [cbarre38@asu.edu](mailto:cbarre38@asu.edu).