



UI/UX Software Developer Intern

Internship title: UI/UX Software Developer Intern

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

Location: Remote and/or Tempe campus in ISTBX

Type of internship: For credit or non-paid; approximately 10 hours per week

Application deadline: November 12, 2023; applications will continue to be accepted and reviewed every week until the position is filled.

Start date: January 8, 2024

Description:

SolarSPELL is seeking an intern who wants to utilize their passion for embedded software development to make a positive impact on global access to information and education. In particular, the SolarSPELL team is seeking someone who is comfortable developing and improving software components related to the renewable energy sub-systems that display power production and usage of their digital libraries.

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. Your contributions will be brought to the field and used by teachers and students, within months of your internship!

Interns will be expected to attend a new intern orientation upon the start of the internship. Ideal candidates will be detail-oriented and self-starters.

Essential Duties:

- Work with SolarSPELL's tech advisor to develop and improve the renewable energy software system displaying the power components of the digital library, including battery percentage and solar energy input
- Develop and improve the current software

Minimal Student Qualifications:

- Background in software development and embedded coding
- Detail oriented and reliable; a strong and honest work ethic motivates you
- Demonstrated ability to work independently
- 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 submit a resume and cover letter to Cassie Barrett at cbarre38@asu.edu. All documents should be in PDF format and follow the naming style of [LastName_FirstName_DesiredPosition]