



Internship title: Industrial Designer

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

Location: Tempe Payne Hall - East and remote

Type of internship: Non-paid

Application deadline: July 28th, midnight (AZ/MST)

Start date: August 18th

Description:

SolarSPELL is seeking an industrial design intern to support our product design efforts for 1. Housing for the SolarSENSE soil sensor and 2. A new mini-SolarSPELL unit.

SolarSPELL is an offline, digital library initiative at Arizona State University that provides localized educational information and the training to build 21st-century skills in offline environments that may lack electricity, internet connectivity, and/or traditional libraries. We work with in-field partners, like the Peace Corps and the UN Refugee Agency, to build local capacities and ensure long-term, sustainable impact.

Users connect to the SolarSPELL offline, digital library over WiFi, using any WiFi-enabled device (smartphones, tablets, laptops) to freely, and safely, surf thousands of resources that are carefully curated and continually improved to meet local information needs.

More information on SolarSPELL 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 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 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:

- Design and develop new products to add to SolarSPELL's current product lines
- Learn about and implement designs that deal with remote off-grid infrastructure issues globally.
- Effectively communicate ideas through sketching and prototypes

Minimal Qualifications:

- Basic knowledge of SolidWorks or Fusion 360
- Familiarity with Microsoft Office, Adobe Photoshop and Illustrator (Sketchbook Pro and Keyshot is a plus)
- Enrolled in Industrial Design program at ASU
- Well organized with a high attention to detail
- Excellent critical thinking, and problem-solving skills
- Strong communication and collaboration skills
- Ability to multitask and meet design deadlines
- 3D printing experience preferred
- Must submit a portfolio or send a link to an online portfolio

How to apply: If you are interested in applying for this position, please submit a resume and cover letter to Courtney Finkbeiner at courtney.finkbeiner@asu.edu. All documents should be in PDF format and follow the naming style of [LastName_FirstName_DesiredPosition]