



Data Analysis Internship

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

Location: Tempe and/or Remote

Type: Unpaid or for credit | ~10 hours/week

Eligibility: Open to all students and universities; international students welcome.

(Counts as on-campus experience for ASU students—**no OPT/CPT required.**)

Application Deadline: July 31, 2025

Applications will be reviewed weekly on a rolling basis until the position is filled.

Start Date: August 21, 2025

About the Internship

The SolarSPELL Initiative is seeking Data Analysis Interns—preferably graduate students—who are passionate about using data to drive real-world impact. This is a unique opportunity to support global education initiatives by helping SolarSPELL make informed, data-driven decisions. In this role, you'll work with program data collected from digital library deployments in countries like Malawi, Lesotho, and Rwanda. This data includes:

- Survey responses (both digital and paper-based)
- Interview transcripts and summaries
- Library usage statistics

Interns will contribute to processing, organizing, and analyzing this data to uncover actionable insights. You'll also have the chance to help enhance and shape SolarSPELL's growing impact evaluation program, making this a great role for someone excited about building systems and improving processes.

Your work will directly influence how SolarSPELL improves access to education and information in resource-limited settings around the world.

About SolarSPELL

SolarSPELL (Solar Powered Educational Learning Library) is a global educational

initiative based at ASU. We create offline, solar-powered digital libraries designed for areas with little to no access to electricity or internet. Our libraries provide a WiFi hotspot that enables free access to curated educational resources via any smartphone, tablet, or laptop.

- Learn more: <http://solarspell.org>

Responsibilities

- Attend new student orientation and participate in end-of-semester presentation
- Obtain IRB training through the free ASU CITI program
- Collaborate with staff regarding immediate data analysis needs
- Conduct analysis of SolarSPELL data, with guidance from staff
- Collaborate with staff and interns regarding long-term data analysis processes
- Input new program data as necessary

Ideal Candidate

- Experience with Quantitative and/or Qualitative Data Analysis
- Interest in using data analysis to make informed recommendations
- Preferably experience in data science, math, or related field of study
- Strong understanding of data preprocessing and cleaning techniques
- Interest in developing statistical and analytical skills
- Proficiency in Python programming
- Proficiency in Tableau a plus
- Proficiency in Microsoft Excel and Google Suite (Google Docs, Sheets, etc)
- Team player who works well collaboratively
- Globally minded and eager to support communities around the world
- Current CITI IRB certificate or willingness to obtain CITI IRB certification (free through ASU)

How to Apply

- Submit your application here: bit.ly/intern-SPELL-FA25
- Upload a **resume and cover letter in PDF format** using the naming convention:
[LastName_FirstName_DesiredPosition]

For questions, contact SolarSPELL's Student Engagement Coordinator, Cassie Barrett, at cbarre38@asu.edu