



Data Management and Analysis Internship – Part Time

Location: Remote

Time Period: Estimate 10 hours per week for at least 12 weeks (flexible start/stop date between January to May 2024)

BACKGROUND

Seva is a global nonprofit eye care organization that transforms lives and strengthens communities by restoring sight and preventing blindness. We train local eye care providers and develop self-sustaining eye programs around the world. Together we provide critical eye care to underserved communities, especially women, children, and indigenous peoples. Seva has helped 5 million blind people regain their sight in more than 20 countries.

Seva works with more than 130 eye hospitals around the world as part of the Global Sight Initiative (GSI). Through the GSI network, hospitals aim to improve their eye care delivery and provision of quality care. Hospitals in the GSI network see 6 million people annually.

SCOPE OF INTERNSHIP

Seva seeks a student or recent graduate with data management/analysis and public health understanding to make a difference in how hospitals in the GSI network can more effectively provide eye care. This internship provides a hands-on opportunity to gain practical learning and experience in data management, which includes the analysis practices within the context of a global non-profit organization. The successful candidate will have the chance to contribute meaningfully to Seva's mission to end avoidable blindness while developing valuable a deep understanding and skills in data management, data analysis, and business intelligence. This internship allows someone to fuel their curiosity about how data can be used to inform hospital management decisions.

There are three main components to the internship:

1. Improve understanding of Seva's database

Work closely with Seva's data team and existing data resources to comprehend the structure and content of Snowflake tables used by Seva. Develop documentation, including comprehensive data dictionaries that document table names, structures, field definitions, relationships, and key metadata for improved accessibility and understanding.

2. Increase accessibility to programmatic data

Collaborate with Seva's program staff to understand organizational needs and identify data that would be most useful to inform our programming. Based on the

team's input, develop SQL queries to make Seva's programmatic data more accessible to the team.

3. Analyze data and answer key learning questions

Bring your analytical interests into the internship by analyzing data from Seva's hospital partners. Throughout the course of the internship, explore and answer at least one key programmatic question that helps to demonstrate Seva's impact and inform program decisions. The internship will culminate with a presentation to Seva's senior staff on data trends and implications on Seva's programming and partners.

The intern will also have the chance to regularly participate in staff meetings and to learn more about the day-to-day operations of Seva. By the end of the internship, the intern will have at least one stand-alone project that can be included in their professional portfolio.

QUALIFICATIONS

- Pursuing or recently completed a degree in public health, data science, statistics, or a related field.
- Proficiency in SQL is essential for query development and data manipulation.
- Familiarity with data analysis tools and software (e.g., Excel, SPSS, Python, R, Tableau, Power BI)
- An interest in social impact or healthcare initiatives is a plus but not required

Seva will partner with colleges or universities to provide academic credit for internships.

APPLICATION PROCESS

Please submit your cover letter and resume to internship@seva.org.