



Job title	Research and Development Intern (SMART) [potentially leading to a full-time fixed term employment opportunity]
Job location	Action Against Hunger Canada Head Office – Toronto
Direct supervisor	Project Manager for Research, Technology and Innovation
Type of position	Full time, paid internship
Duration	16 weeks – availability ASAP

Founded in 1979, Action Against Hunger is a non-governmental organisation that aims to provide solutions to hunger. Our mission is to save lives by eliminating hunger through the prevention, detection and treatment of under-nutrition, particularly during and after emergency situations linked to conflicts or natural disasters. We focus on nutrition, health and healthcare practices; food security and livelihoods; water, sanitation and hygiene and advocacy. The Action Against Hunger network is currently active in more than 40 countries with over 7,000 staff and volunteers. Since 2007, Action Against Hunger has led on the development and implementation of one of the world’s leading nutrition and mortality survey methodologies: SMART (Standardized Monitoring Assessment in Relief and Transition).

Action Against Hunger Canada is the inter-agency project convener for the SMART Methodology. This nutrition assessment methodology was specifically designed to provide decision makers with the ability to collect reliable and accurate nutrition and mortality data. Over the past ten years, SMART has grown to be the reference and standard tool amongst organizations and government collecting nutrition assessment data both during emergencies and in developing contexts

Action against Hunger Canada is seeking an IT specialist who is interested in interning with the SMART Global project, with the possibility of the contract turning into a full-time Project Officer position based on performance evaluation. The intern will be involved in two projects focusing on the global assessment of SMART technical activities through the years and the support of development of a new SMART digital innovation (SMARTplus). They will also be in charge of upkeep and troubleshooting the [SMART website](#). Action Against Hunger will provide an opportunity for the intern to gain familiarity with nutrition surveys in emergencies, international development, and the day-to-day operations of a non-profit organization with a global reach.

SPECIFIC RESPONSABILITIES

Responsibilities include, but are not limited to, the following:

Technical Development of the Global Assessment of SMART Activities project

The main goal of the Global Assessment of SMART activities project will be to conduct geospatial analysis of SMART trainings and surveys from 2007 to 2018 with the aim of ascertaining where SMART survey data has been used for humanitarian response. To accomplish this, the successful candidate will be required to collect data from multiple sources, conduct exploratory analysis and data mining, and produce visual representations of the data through the use of mapping software to communicate the findings efficiently.

Specific tasks related to this project include:

- Support collation of data through existing databases and contacting key stakeholders;
- Create an information management system with a standardized format for collating and organizing data by year, region and/or country
- Conduct quantitative analysis of the gathered data using descriptive and exploratory methods (i.e. study trends and correlations that come out from the data);
- Create a series of interactive maps to visualize the data across regions and countries using GIS techniques and mapping software (or any other relevant software);
- Identify the gaps, challenges, potential areas of improvements, and suggest recommendations for priority-setting for the SMART Global team.

Management and Maintenance of SMART Website

- Maintain the SMART methodology website using WordPress;
- Assist in troubleshooting problems on the website;
- Ensure proper functioning of the website on a regular basis;
- Monitor and provide website download analytics and Google Analytics data for reporting purposes.

SMARTplus support

- Support activities related to the development of SMARTplus – a suite of four digital tools (mobile application, platform, aggregator, and dashboard) that aim to revolutionize the current fragmented and manual system in the field of nutrition assessments;
- Contribute to the preparation of proposals based on needs.

SMART Methodology Information Systems management

- Maintain the training database, including the collection of monthly data, analysis of learning transfer and dissemination of updated versions;
- Update the SMART consultant roster for upcoming survey opportunities;
- Contribute content for social media and newsletters with case studies and lessons learned from technical field support and trainings;
- Prepare content and online formatting of regular SMART newsletters.

QUALIFICATIONS

Essential Skills:

- A degree in Computer Science or Engineering or a mix of relevant study and work experience;
- **Demonstrated experience in procuring and managing software delivery processes;**
- **Demonstrated knowledge of HTML/CSS, PHP, and C++, as well as a high-level programming language such as JavaScript, MATLAB or Python;**
- Demonstrated knowledge of mobile data collection, information management, infographics, and Geographic Information System or other relevant software;
- Experience and comfort with MailChimp and WordPress;
- Ability to work independently and multi-task;
- Fluency in the English language;
- Positive attitude, strong analytical and organisation skills;

- Excellent knowledge of MS Office Applications;
- A demonstrated commitment to Action Against Hunger's mission and values.

Desirable Skills:

- Ability to read and write in French, Spanish and/or Arabic is a valuable asset;
- Demonstrated research experience leading to the development and publishing of research articles;
- Demonstrated understanding of the humanitarian field;
- Previous experience and comfort with a variety of social media apps and creating social media content considered an asset.

HOURS

Staff work a five-day, 35-hour work week. However, the different tasks involved may sometime require irregular working hours, particularly in times of crisis.

HOW TO APPLY

We are looking for a motivated individual to complement the Action Against Hunger Canada team. If you are interested in this position, please send your resume and cover letter to rec@actioncontrelafaim.ca. In the subject line, please indicate Research and Development Intern (SMART). **Application closes April 21st, 2019 at 11:59 pm EST.**

To learn more about Action Against Hunger, visit our website at www.actionagainsthunger.ca