

GIS & Cartography Intern

Position Title:	GIS and Cartography Intern
Location:	Based in Jerusalem
Duration:	Three to six months with the possibility of extension
Availability:	Starting date September or November 2015
Work Ratio:	Full time
Closing Date:	

About Grassroots Jerusalem

Grassroots Jerusalem (GJ) is a Palestinian platform for community-based mobilisation, leadership and advocacy. GJ supports Palestinian communities in Jerusalem to address the humanitarian, developmental and political issues which systematically disempower and dispossess Palestinians across the city.

Internship Description

This position is responsible for assisting with data collection, maintaining GIS databases and creating multimedia cartographic projects in Arabic and English for Grassroots Jerusalem's reports, booklets, website, and any other media. This position will work with minimal supervision; therefore, the intern is expected to exercise a high degree of independence.

Responsibilities and Projects

These are the primary projects the intern will have responsibility over. There may be additional requirements/projects assigned to the intern during the contract.

General

1. Maintain updated and organised geodatabases
2. Create cartographic images that showcase information GJ has collected each month
3. Maintain updated maps for the tourist map and each community map
4. Process all of the data from community mapping workshops and add to existing files
5. Work with GJ staff members to create cartographic images (electronic, animated, interactive) to help promote GJ efforts in connecting community members and CBOs/CSOs and in identifying and addressing community needs and resources
6. Assist with Frontline SMS /Ushahidi

Specific

1. Make maps of existing data
 - a. Update communities layer
 - b. CBO/CSO map
 - c. Put CBO profiles into excel and map form
 - d. Map including other orgs for which GJ does not have a profile

2. Make maps from mapping workshops to display what GJ did
 - a. Upload to OSM
 - b. Clean and integrate these into existing data
3. Centralise data into one location
 - a. Maintain shapefiles/.csv for in-house use and simplified OSM layers
 - b. Clean existing data and populate with more details (Arabic and English, contact info, last updated, approval for Grassroots Guide, OSM status)
 - c. Make distinct layers (orgs, medical, neighbourhoods, etc.)
4. Improve and adjust the Grassroots Guide maps
 - a. Tourist Map
 - b. Community maps
5. Create a training manual (Tile Mill, data management, etc.)
6. Create curriculum for community mapping workshops (slides and step-by-step PDF)
7. As GJ gains more assessment data, make maps that continue to show community experiences, achievements, and needs
8. Develop personalised Ushadhidi app for GJ

Skills and Qualifications

Required

- A degree/certificate/diploma in Geography or other related field
- Experience using ArcGIS, QGIS or similar software
- Language requirements: functional English skills, Arabic would be an advantage
- Interest in human rights, social justice, and the grassroots approach
- Openness to learning and developing new skills
- Excellent communication skills

Preferred

- A sound understanding of the political context in Jerusalem
- Experience in working with non-governmental organisations

The ideal candidate will demonstrate attention to detail, be initiative, have interpersonal skills, patience, the ability to meet deadlines and will work independently and cooperatively with team members.

Internship Conditions

Upon arrival in Jerusalem interns will undergo an orientation designed to introduce them to the layout of the city and the technologies essential to their project. Interns will be responsible for securing their own housing during their time in Jerusalem. As this is an intern position there is no salary however communication and work related travel expenses will be reimbursed during the stay.

How to Apply

Please email a resume and cover letter (max 2 pages) to: intern@grassrootsalquds.org
Closing date: 27 August 2015

Contact

Grassroots Jerusalem, a-Sheikh Jarrah, 9149302 Jerusalem, +972 (0)2-966-5655
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