

# Demining Research Community

de-mine.com



*Interested in joining a startup organization focused on mine action and landmine detection? Want to apply your research skills to help people who live in post-conflict nations affected by unexploded ordnances and landmines?*

## **Available Positions (all unpaid):**

- Researcher/Intern: Landmine detection researcher (remote sensing or software engineering)
- Public Relations and Social Media Director
- Database Software Engineer
- NGO Coordinator

**Where:** Remote

**When:** September – December (can be adjusted to fit your schedule)

**Time Commitment:** Dependent on project (suggested min. 2 hours per week)

## **Requirements for all positions:**

- Self-motivated
- Ability to self-teach
- Passionate about helping aid the fight against landmines and UXOs
- Pursing or completed BS, MS or PhD

### Remote sensing research:

- Experience with GIS
- Drone experience is a plus
- Pursing or completed degree in STEM or Humanities

### Software research:

- Experience with Python
- Basic knowledge of machine learning
- Pursing or completed degree in Computer Science, Mathematics, or a related field

### NGO Coordinator:

- Experience with NGOs
- Pursing or completed degree in business or management

### PR and Social Media Director:

- Pursing or completed degree in business or management

**Description:** The Demining Research Community (DRC) is a newly founded organization whose mission is to research, develop, and field test cutting edge sensors and platforms to improve current demining technologies. We want to create a platform that provides information on remote sensing research for landmine detection in a centralized location, that is open source and accessible to the world. We specialize in developing more efficient landmine and UXO detection methods by fusing unmanned aerial and ground vehicles (UAVs, UGVs) with remote sensing and machine learning. Our ultimate goal at the DRC is to assist in detecting the millions of landmines and unexploded ordnances worldwide, providing novel and innovative solutions to a decades old humanitarian crisis.

**Apply:** If you are interested in one of these positions, please contact Jasper Baur at [jb4493@columbia.edu](mailto:jb4493@columbia.edu) with a resume/CV, your preferred position of the available positions, and why you are interested in the chosen position.