Faculty and Student Participation as Volunteers in Disaster Recovery

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The “Catch 22”

How Do I Get Experience When I Need Experience To Get Experience?
Internships can be completed through specific academic courses, where work-based learning is structured under the supervision of both an onsite business representative and a faculty member.
The Route to This

Volunteer Experience

- **Member**
  - InfraGard - San Diego Chapter
  - Jan 2013 – Present • 5 yrs 3 mos
  
  InfraGard is a partnership between the FBI and the private sector. It is an association of persons who represent businesses, academic institutions, state and local law enforcement agencies, and other participants dedicated to sharing information and intelligence to prevent hostile acts against the U.S.

- **Volunteer - Networking and Security**
  - Information Technology Disaster Resource Center (ITDRC)
  - Jan 2018 – Present • 2 yrs 3 mos
  
  Disaster and Humanitarian Relief

Licenses & Certifications

- IS-100 - Introduction to the Incident Command System
  - FEMA

- IS-200 - Basic Incident Command System for Initial Response
  - FEMA

- IS-700 - An Introduction to the National Incident Management System
  - FEMA

- IS-800 - National Response Framework, an Introduction
  - FEMA
First Steps
Join the ITDRC
www.itdrc.org
First Steps
Join InfraGard
www.infragard.org

- Applicant must consent to a security risk assessment and to periodic re-confirmation of the security risk assessment. The risk assessment is a membership vetting process completed by the FBI which includes local, state, and federal criminal history and driver’s license, citizenship, and other security-related database checks. Note that successful completion of the security risk assessment does not equate to a security clearance (InfraGard members are not given security clearances by the FBI).
Second Steps
Qualify for ITDRC Deployment

Training Requirements
Created by ITDRC, last modified by Dustin Li (ITDRC) on Aug 26, 2019

ITDRC requires all volunteers to meet a minimum standard for training before allowing individuals to deploy into the field. Course completion certificates (and any other certifications from relevant industries) must be submitted to recruit@itdrc.org for inclusion in your volunteer profile.

Required for Field Deployment
- ITDRC-100 - New Member Orientation (available on-demand)
- IS-100 (available on-demand)
- IS-700 (available on-demand)

Critical Information Systems (CIS) Team
In addition to the above, the following criteria are also required to be a member of the CIS Team
- IS-200 (available on-demand)
- IS-800 (available on-demand)
Second Steps

Sign-up and take free FEMA Courses
https://training.fema.gov/is/

https://cdp.dhs.gov/femasid/
Deployments
Hurricane Dorian and Abaco Island (Bahamas)

https://www.youtube.com/watch?v=uDHD13OyBEY&t=3s
The Bahamas for ITDRC Volunteer Effort (Scroll Down for Daily Activities)

Posted on October 18, 2019

Thankfully Southwest Airlines provides Internet access for a fee. Leaving San Diego at noon today, I’m flying through Nashville to Ft. Lauderdale today, spending the night there and catching flights, first to Nassau, and then on to Great Abaco. The relief effort I’ll be involved in is detailed in the Information Technology Disaster Resource Center’s LinkedIn site, and is worth taking a look at to see photos and other information relating to the status of the disaster recovery efforts. I’ll be there for a week, heading back home on Saturday, October 26th. I’ll be detailing on this blog site my experiences over the week, but first wanted to explain how I became involved with the ITDRC and what it took to participate in this deployment. My purpose in doing this is to see if what I write provides an interest in participating.

I was introduced to ITDRC by Alysia Stark, a student who signed up for Coastline Community College’s cybersecurity apprenticeship program. Based on my review of the ITDRC website, I joined the organization in
ITDRC Deployment Plans for California Faculty & Students

Summer 2020 and Beyond

https://medium.com/@ITDRC/technology-after-traumatic-events-847c885f70be

Preparing for Disasters in 2019 and Beyond

Nowadays, ITDRC is working closely with CalOES and the California Department of Food and Agriculture to assess 100 state and county fairground sites for telecommunication, electric, and Internet services. When disaster strikes, people disperse and gather at various locations. Fairgrounds are able to accommodate individuals, recreational vehicles, and large animals during natural disasters. “It’s a multi-year project,” said Nik. “We’re reliant on so many different partners to get information and build-out site assessments. It’s a fun, interesting, and challenging project for our team to work on,” he added.
Questions