CDFS
CBIT Digital Forensics Services

PRESENTS

mhdd

My Hard Drive Died

**Learn how to handle a damaged hard drive and what your options are.
Be introduced to the proper hardware, equipment, and software.**

BY Scott Moulton

This is a mentored 5-day Data Recovery Expert Certification Class

where Scott Moulton will be there to walk you through everything personally, step by step, and to answer your questions.
NEW! ATOLA FORENSIC IMAGER, as well as a DeepSpar Disk Imager!

Class covers HARD DRIVES and SOLID-STATE DRIVES, as well as CLEAN ROOM PROCEDURES!
We also cover the differences between 32bit and 64bit.
Data recovery is a skill that's very difficult to learn and involves repairing damaged hard drives and recovering corrupted data.

The goal of this class is to teach you how to handle a damaged hard drive and what your options are. We will introduce you to the proper hardware, equipment and software that will give you the best possibility and skills at completing this task.

This class is for the Data Recovery Expert Certification.

> NOTE: You must sign up and pay at least 30 DAYS before any class to reserve your seat! If you want a seat, make sure you do it earlier rather than later.

An overview of the five days

- Solid State Drives and Spinning Disks are covered!

- CLEAN ROOMS PRACTICES & PROPER CLEAN ROOM POLICIES!

- Three days of lecture and labs where we disassemble two hard drives and attempt to reassemble them into working machines.

- The third and fourth day will be logical recoveries where we will use the lab computers to image memory sticks for class, there will be other images of drives provided for Raid 0 and Raid 5 recoveries. There will be images provided for NTFS, Mac OSX HFS and EXT3 Linux drives for recovery as well as the previously mentioned sets of images for Raid 5 and Raid 0.

- We usually do a number of things after class and discuss many things at dinner with relation to jobs and details

Some of the basics covered in the class

1. Going over the basics and working parts
2. Data Recovery with Forensic Drives
3. SOLID STATE DRIVES!
4. CLEAN ROOM POLICIES AND PROPER HANDLING PROCEDURES!
5. Equipment Basics
6. Tools and Software
7. Sounds of the Drives
8. Samples of drives with sounds I will bring
9. What you can tell by listening to the drive
10. Basics on success rates
11. Opening the Drive
12. Mechanical Operations on Drives
13. Rebuilding Hard Drives Physically
14. What a Sector Looks Like Encoded on the Drive
15. PCB Board Issues and Live Board Swaps
16. Forensic Logical Recoveries
17. Rebuilding forensic drives maintaining the state
18. Plus, much, much more…..

Over 20 Hands-On Labs, including:

- HANDS-ON LAB: Repairing a Damaged Drive
- HANDS-ON LAB: Four Hard Drives YOU Rebuild!
- HANDS-ON LAB: Hard Drives Mechanical Operations
- HANDS-ON LAB: Operations Rebuilding a Hard Drive Physically
- HANDS-ON LAB: Mounting a Damaged Drive on PC
- HANDS-ON LAB: What an Encoded Sector Look Like with data
- HANDS-ON LAB: PCB Board Matching Issues and Review
- HANDS-ON LAB: RAID 0 Rebuilds
- HANDS-ON LAB: RAID 5 Rebuilds
- HANDS-ON LAB: MAC OSX Rebuilds
- HANDS-ON LAB: LINUX EXT/REISER Rebuilds
- HANDS-ON LAB: Selecting donor Rebuilds
- HANDS-ON LAB: SOLID STATE REBUILDS AND TECHNOLOGIES!

Tools provided

- Everything you need will be supplied.

- You do not need to bring any equipment or laptop.

- There will be a Data Recovery Kit that you will get to use for the class and will include hardware for recovery, Torx screwdrivers for hard drive sizes, the power supply connectors and sample hard drives, cd's, and lecture and lab materials.

PRICE

$7,500
per person ex GST

OR

5x CDFS Training Vouchers

* Vouchers can only be used for courses delivered by CDFS at our training facility or via Virtual Instructor-Led Training.