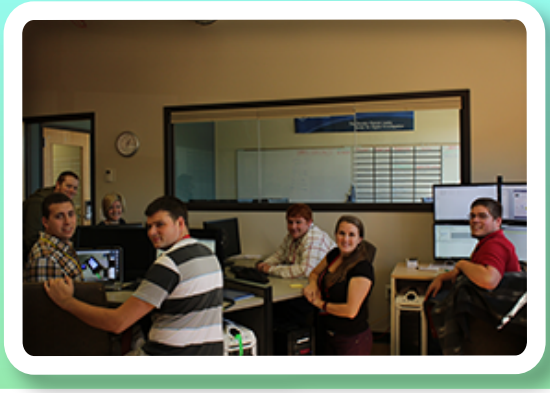
CHAMPLAIN COLLEGE

LCDI | Leahy Center for Digital Investigation

Spring Update

The LCDI hopes everyone had a wonderful Spring Break and that students are ready to forge ahead through the rest of the semester. Finals week is coming up soon, so be prepared! We've had a lot of new and exciting projects added this semester, so here is an update on what the LCDI has been working on since January.

Also, be sure to keep an eye out for the LCDI's Senior Edition Newsletter, which will be sent out in April.



2014 Statistics

18 blog posts written and published

16 research projects started

21,055 hours worked by student employees

Projects

Google Glass Forensics led by Colby Lahaie

Google Glass Forensics is a project focused on researching how Google Glass operates and how it stores data. Several questions are asked, such as: Does Glass store data on its internal storage? Does it store network settings? Does it have a file system or is it just flash memory? Programs like Cellebrite, EnCase, and Forensic Toolkit will be used to answer these questions and more.

Single Board Computers led by D.J. Palombo

The Single Board project focuses on taking a microcomputer and turning it into a system that will automatically attack networks through a set of scripted commands, allowing for even a basic user to execute complex attacks against networks.

FAW Tool Review led by Nick Aspinwall

Forensic Acquisition of Websites (FAW) is used as a web browser with the purpose of forensically acquiring an active website. FAW is a great tool for capturing publically available information from social networking sites, or any live Internet sites or pages.

iPhone Artifacts led by Maegan Katz

By examining and comparing artifact findings between the iPhone 3GS, iPhone 4, and iPhone 5, this project focuses on comparing the differences between different iPhone models. Data is generated on the default applications and then Cellbrite and XRY are used to image the phones to review the data.

To see what else the LCDI is working on, visit our blog at: http://computerforensicsblog.champlain.edu/