

IEEE Coastal Los Angeles Section Computer Society California State University Dominguez Hills Student Branch Activities Report

Dec 2, 2013

A. The following is a report of the activities for the summer and the fall semester for the IEEE Coastal Los Angeles Section (CLAS) Computer Society California State University Dominguez Hills (CSUDH) Student Branch sponsored events that were held at CSUDH during the summer and fall semesters of 2013 at their campus.

B. Computer Society sponsored events

1. June 22- 10am-3pm - LA Southwest College - Intro to Preparing a Team for WRCCDC 2014, LA Southwest College - WRCCDC Team, Recruit a Team, Secure a Lab, CCDC Rules & Regulations, Pre-competition, Competition, 14 attended.
2. June 29- 10am-2pm - LA Southwest College -Training Plan & Policy, Network Topology for Secure Lab, Websites, 12 attended.
3. June 29-Web Design - 12-2pm, High School Computer Club (HSCC) –John Harwell (CSUDH)/John Malonson (BDPA), 32 attended.
4. July 6- 10am-2pm - LA Southwest College – Intermediate Training – WRCCDC 2014 Team, Lab Manager John Harwell, 12 attended.
5. July 11- IEEE Computer Society Club Booth CSUDH New Student Orientation Outreach for Transfer Students 11am-12pm – Loker Student Union, 22 attended.
6. July 13- 10am-2pm - LA Southwest College – Advanced Training – WRCCDC 2014 Team, Lab Manager John Harwell, 10 attended.
7. July 20- Introducing IEEE CLAS CSUDH Computer Society Student Chapter, Intro CSUDH Computer Society/WRCCDC/Pizza, 31 attended.
 - a. Introducing: IEEE CLAS CSUDH CS Student Chapter: Dr. Sharbaf –Open ceremony, 15 minutes
 - b. WRCCDC- Dr. Manson, Cal Poly Pomona Guest Speaker-45 minutes
 - c. What is New to CSUDH Computer Science-Dr. Beheshti-30 minutes
 - d. Toro Cyber Defense Team- Team Captain Robby Spengler-30 minutes
 - e. Cyber-Defense Security Training Lab-Lab Manager John Harwell-15 minutes
 - f. Networking with other members and Free Pizza and Soda-45 minutes
8. July 23- IEEE Computer Society Club Booth CSUDH New Student Orientation Outreach for Transfer Students 11am-12pm – Loker Student Union, 21 attended.
9. August 3 - 10am-2pm - LA Southwest College – Intermediate Training – WRCCDC 2014 Team, John Harwell, 6 attended.
10. August 10 - 10am-2pm - LA Southwest College – Advanced Training – WRCCDC 2014 Team, John Harwell, 5 attended.
11. August 17- - Security Tools & Ethical Hacking demonstration, Sec tools & Ethical Hacking: Advance Offense & defense attacks-Red Team Exercise, 33 attended, from different schools: UCLA/CSULB/WLAC/ELAC/RHCC/LBCC/CSUDH.
 - a. Cyber Security Tools - Dr Sharbaf-30 minutes
 - b. A Cyber Security Summer-Robby Spengler -30 minutes
 - c. Ethical Hacking Demonstration-Divide audience into 2 groups-(Dr Sharbaf)
 - (1) Blue Team-Defensive measures-20 minutes then switch teams (John Harwell)
 - (2) Red Team-Offensive measure-20 minutes then switch teams (Robby Spengler)

- (3) Summary-Dr. Sharbaf-15 minutes
- b. Networking with other members and Free Pizza and Soda-45 minutes
- 12. August 24 - Submit paperwork for Student Leadership Organizations
 - a. OSL Recognition
 - b. ASI Funding
 - c. IEEE
 - (1) Student Branch
 - (2) Technical section: Computer Society
- 13. September 21 - End of Summer Back to School BBQ- Recruit/Recruit/Recruit, Begin Semester – Welcome Back BBQ
 - a. Open – Computer Science & Cyber Security-Dr. Sharbaf-30 minutes
 - b. What is New to CSUDH Computer Science-Dr. Beheshti-30 minutes
 - c. Cisco- Robby Spengler-30 Minutes
 - d. Benefits of member ship IEEE, ACM, TCDL, CDSC, UPE
- 14. September 30 – 7-9pm “It Takes the Village to Secure the Village”, Stan Stahl, Ph.D., IEEE CS, 18 Attended.
- 15. Security Awareness Week - Open House October 18-26. The Computer Science Department & IEEE CLAS Computer Society Student Branch are hosting the 2nd Annual Cyber Security Awareness Week. The department faculty, students, and guest speakers will be presenting a series of workshops and open house activities throughout the week beginning on Friday, October 18th, and ending on Saturday, October 26th. The following is the schedule of events that took place during the event. A total of 51 workshops with a total of 1034 attendees.

Friday October 18th - Cyber Security Awareness Opening Ceremonies at the Loker Student Union

Ballroom

- 10:00 AM Opening Ceremony - Computer Science Department, Dr. Mohsen Beheshti, Chair of Computer Science
- 10:30 AM National Cyber Security Awareness in the Community, Dr. Mehrdad Sharbaf
- 11:00 AM Guest Lecture - Dr. Stan Stahl, President of The Information Systems Security Association (ISSA)
- 12:00 PM IEEE Computer Society Student Branch - Mission and Plan, Dr. Mehrdad Sharbaf
- 12:20 PM ACM Student Branch - Mission and Plan, John Harwell, Faculty Advisor
- 12:40 PM CSUDH Cyber Security Defense Club - Mission and Plan, Emily Solaj, President
- 12:40 PM Free Pizza and Soda - Networking with guests and speakers
- 02:00 PM Cyber Defense Team Meet and Greet - Lab Tour, Meet the Team, CCDC & CWW, Join the CSC Support Team, John Harwell, Faculty Advisor, LIB 5717
- 03:00 PM CyberPatriot Coaching Outreach Program Beyond the Bell, Capture the Flag Competition - Coach High School and Middle School Students, John Harwell, LIB 5717
- 04:00 PM Scholarship Part 1 - LIB 5717 - Writing a Personal Statement, Cover Check Sheet, and Where to Find Scholarships, John Harwell

Saturday, October 19th - Workshops: Attacks and Threats - Location: LIB 5717

- 9:00 AM Dealing with Cyberbullies, Identifying Hoaxes and Urban Legends, Prevent and Response to Identity Theft , John Harwell
- 10:30 AM Recognizing and Avoiding Spyware; Recover from Viruses, Worms and Trojan Horses; Understand DoS Attacks; Understand Hidden Threats: Corrupted Software Files. John Harwell

- 12:00 PM Understanding Hidden Threats: Rootkits and Botnets; Recognizing Fake Antiviruses, John Harwell
- 01:30 PM IBM Mainframe Security, Michael Cleary
- 03:00 PM Avoiding the Pitfalls of Online Trading; Avoiding Social Engineering and Phishing Attacks, John Harwell
- 04:30 PM Scholarship Part 1 - Writing a Personal Statement, Cover Check Sheet, and Where to Find Scholarships, John Harwell

Monday, October 21st - Workshops: E-mail and Communication - Location: LIB 5717

- 09:00 AM Reducing Spam, Understanding Your Computer: E-Mail Clients, Using Caution with E-Mail Attachments, Benefits and Risks of Free E-Mail Services, John Harwell
- 10:30 AM Staying Safe on Social Networking Sites, John Harwell
- 12:00 PM Understanding Digital Signatures, John Harwell
- 01:30 PM Using Instant Messaging and ChatRooms Safely, Benefits of Blind Carbon Copy (BCC) John Harwell
- 03:00 PM Safe Public Computing, John Harwell
- 04:30 PM Safe Mobile Computing, John Harwell
- 06:00 PM WireShark - Monitoring Software, John Harwell

Tuesday, October 22nd - Workshops: General Security - Location: LIB 5717

- 09:00 AM Coordinating Virus and Spyware Defense, Debunking Common Myths, Good Security Habits, John Harwell
- 10:30 AM Keeping Children Safe Online, Real World Warnings Keep You and Your Data Safe, John Harwell
- 12:00 PM Understand Antivirus Software and Firewalls, Choosing and Protecting Passwords, John Harwell
- 01:30 PM Scholarship Part 2 - Listing Events, Draft Personal Statement, John Harwell and Patrick Naranjo
- 03:00 PM Blackboard, Lynda.com - Online Tools for Education John Harwell
- 04:30 PM Coaching Cyber Patriot, Louis Varga and Jeremy Lopez
- 06:00 PM WireShark Modules, Louis Varga

Wednesday, October 23rd - Workshops: Mobile Devices - Location: LIB 5717

- 9:00 AM Holiday Travel with Personal Internet Enabled Devices; Protecting Portable Devices: Data Security; Physical Security, John Harwell
- 10:30 AM Securing Wireless Networks and Using Caution with USB Drives, John Harwell
- 12:00 PM Cybersecurity for Electronic Devices; Defending Cell Phones and PDA's Against Attack, John Harwell
- 1:30 PM Network Monitoring Using WireShark, John Harwell
- 3:00 PM Collegiate Cyber Defense Competition (CCDC) - History and Use to Advance Security Awareness John Harwell
- 4:30 PM National Cyber League (NCL) - Using Competition to Enhance Security Awareness, John Harwell
- 6:00 PM WireShark Modules, Louis Varga

Thursday, October 24th - Workshops: General Information - Location: LIB 5717

- 9:00 AM Guidelines for Publishing Information Online; "Why is Cybersecurity a problem?", John Harwell

- 10:30 AM Understanding ISP's, Effectively Erasing Files, and Supplementing Passwords, John Harwell
- 12:00 PM Protecting Your Privacy, Understanding Encryption, and "How Anonymous are You?", John Harwell
- 1:30 PM & 2:15 PM Understanding Web Site Certificates and Avoiding Copyright Infringement, Understanding, Bluetooth Technology, International Domain Names and Understanding Your Computer; Web Browsers, John Harwell
- 3:00 PM & 3:30 PM Browsing Safe; Understand Active Content and Cookies, Evaluating Web Browser Security Settings, Shop Safely Outline, John Harwell
- 4:30 PM "Chinese Students Explore US Cities and University Campus", Jianglin Liu, Edu Founder
- 5:30 PM International
- 7:00 PM Information Security Software - SNORT, Nessus, OSSEC, NMAP, Metasploit - Purpose and Use, John Harwell

Friday, October 25th - Workshops: Layer One Security - Location: LIB 5717

- 9:00 AM Introduction to Lock Picking, John Norman ACCX Products
- 10:30 AM RFID, John Norman ACCX Products
- 12:00 PM Free Pizza and Soda
- 1:00 PM How 1/2 Million Infected Computers Were Liberated From Control of the Zeroaccess Botnet Master, Ross Gibb, Symantec
- 3:00 PM Emergency Preparedness at CSU Dominguez Hills, Gary Singer CSUDH Safety Officer

Saturday, October 26th - Workshops and Closing Ceremonies - Location: LIB 5717

- 9:00 AM Scholarship Part 3 - Personal Statement Peer Review, Submitting Forms
- 10:30 AM Scholarship Part 4 - Sending a Complete Application
- 12:00 PM Vehicular Networks and Security Issues, Payman Khani
- 1:00 PM Closing Ceremony, Dr. Mohsen Beheshti
Free Pizza and Soda, Networking

- 16. IEEE Officers Activities summer semester - Lab Remodel/Infrastructure Restructure - IEEE Officers, From 3 pm to 7pm on following dates during summer semester 4-5 officers at each event each day:
 - a. Jun/11-12-13-17-18-19-24-25-26-27 = 10 days 4 hours each day.
 - b. Jul/1-2-3-8-9-10-11-15-16-17-22-23-24-25-29-30-31 = 17 days at 4 hours each day.
 - c. Aug/1-5-6-7-8-12-13-14-15-19-20-21 = 12 days at 4 hours each day.
- 17. IEEE Class Presentations given to all Computer Science and Computer Technology classes: Total of 21 class room presentations to recruit new team members, Recruit new IEEE Membership, Scholarship workshops.
- 18. National Cyber League, Cosponsored by IEEE CLAS CS CSUDH Student Branch: 26 Students for Pre -Season and Regular Season individual play, Silver Team One for Post Season Team play, Team 2 post season games Western Region
 - Game 1 - 5th place
 - Game 2 - 2nd place
 - Overall -3rd place