



Dr. Dipankar Dasgupta, Program Director

Bootcamp for Middle School Students

July 25-29, 2016

FedEx Institute of Technology

Welcome by A & S Dean, UofM



Dr. Thomas J. Nenon
Monday, July 25th, 2016

Cyber Security First Principles



Top Malasri, Instructor
Monday, July 25th, 2016



Methodist
Le Bonheur Healthcare









Cyber Code of Conducts & University Network Access Policy

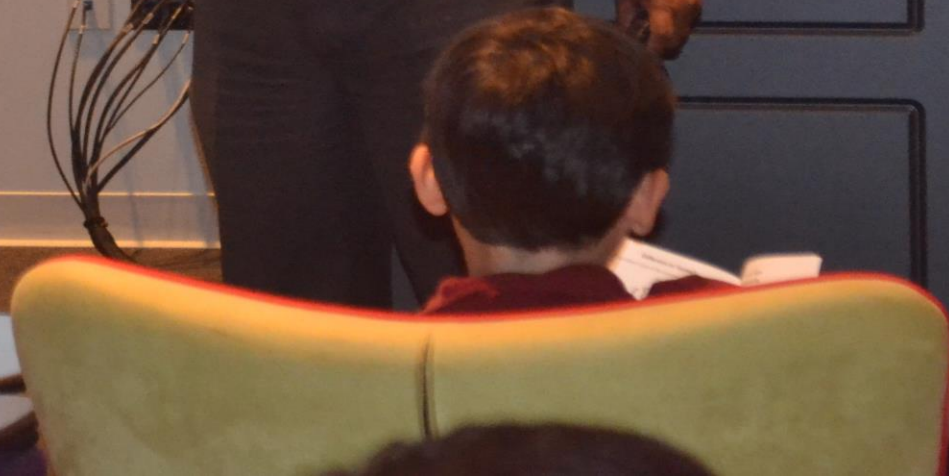


Karen Bell, Systems Analyst
Monday, July 25th, 2016

Online Privacy, Security and Safe Browsing



Dr. Dipankar Dasgupta, Center Director
Monday, July 25th, 2016



Why you need to use strong Password?



Abhijit Nag, Ph.D Student
Monday, July 25th, 2016





Cyber Security First Principles Lab



Top Malasri, Instructor
Tuesday, July 26th, 2016



Government Cyber Security Threats



Mr. Tim Marsh, FBI
Tuesday, July 26th, 2016



Cyber Security First Principles



NSA Day of Cyber: Session 1



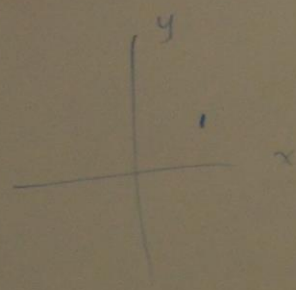
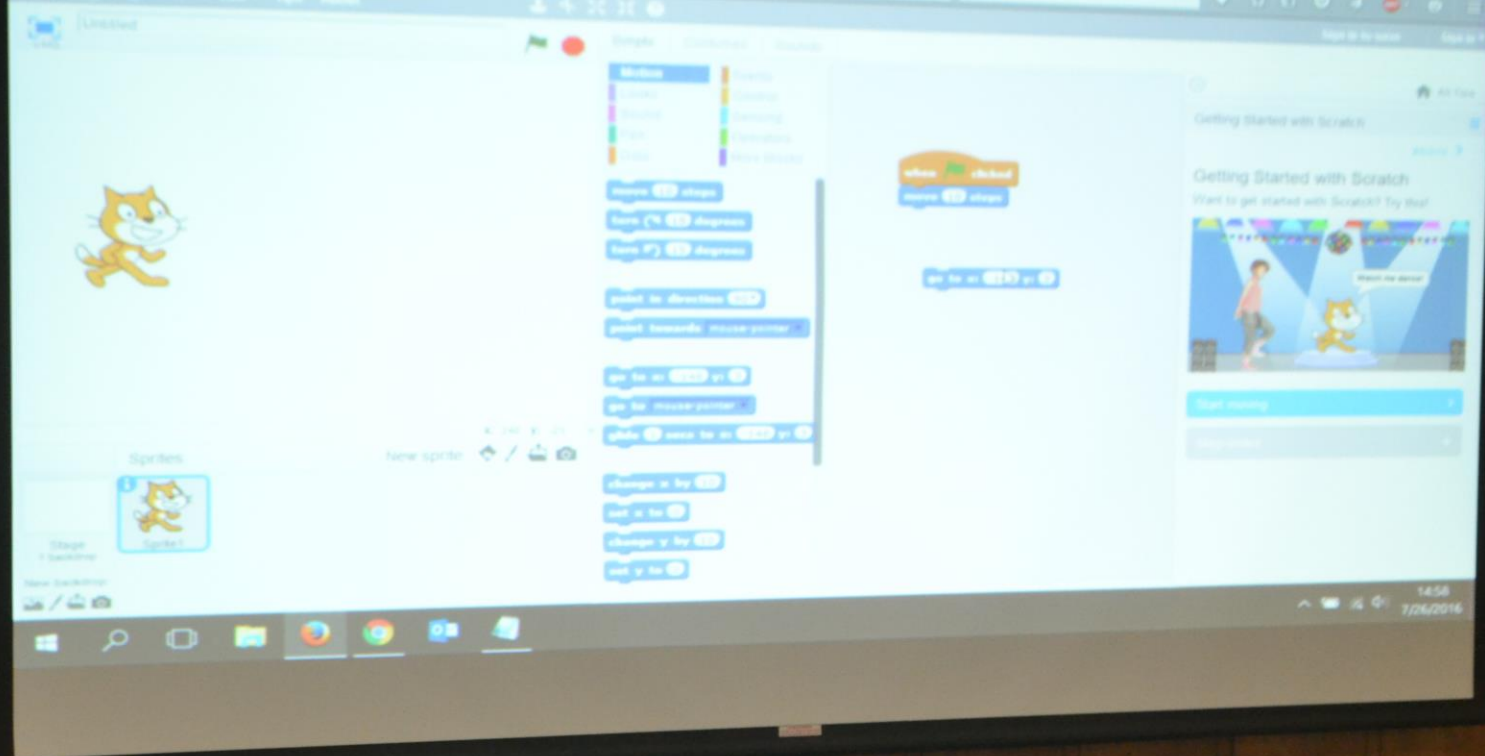
Rhythm Syed, Student
Tuesday, July 26th, 2016



Introduction to Group Project: Scratch



Top Malasri, Instructor
Tuesday, July 26th, 2016

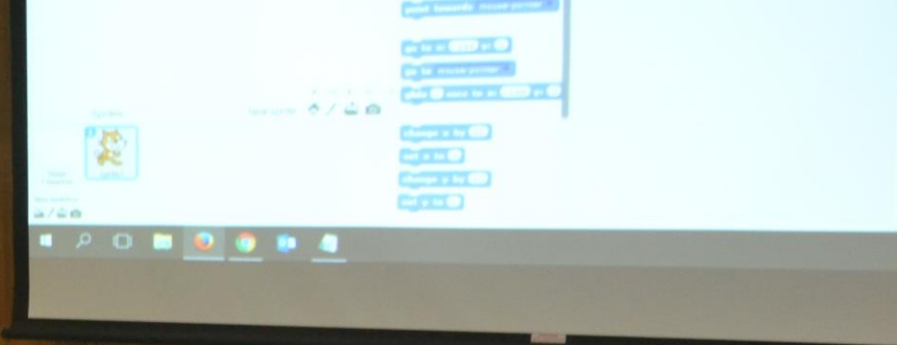


(10, 8)

Username: tl-gencyber
Password: gencyber!



DO NOT REMOVE
THIS BOARD AT
THE UNIVERSITY
OF TORONTO



U of M Data Center Visit



Karen Bell/Liliana Moisa
Tuesday, July 26th, 2016





Review of Cyber Security First Principles



Top Malasri, Instructor
Wednesday, July 27th, 2016



Security Lesson: Virtual Scavenger Hunt



Sujit Shrestha, Ph.D Student
Wednesday, July 27th, 2016

NSA Day of Cyber: Session 2



Rhythm & Irfan, Students
Wednesday, July 27th, 2016

Online Security Demo & Lab



Berkeley & Robert, Instructors
Wednesday, July 27th, 2016



Username: #genCyber
Password: genCyber

GenCyber
Inspiring the Next
Generation of Cyber Stars

THE UNIVERSITY OF
MICHIGAN

Campus Tour: FedEx Institute of Technology



Mary Ann/Barbara R Thomas
Wednesday, July 27th, 2016



Guest Speaker: Cyber Security Education for K-12



Dr. Wiam Younes
Thursday, July 28th, 2016



Presentation Theatre



Review of Cyber Security First Principles



Top Malasri, Instructor
Thursday, July 28th, 2016

Industry Guest Speaker



Meka Egwuekwe
Thursday, July 28th, 2016







Team Project work with Scratch



Top Malasri, Instructor
Thursday, July 28th, 2016





*Having met the criteria for measuring the depth and maturity
of established programs in the field of information assurance*

The University of Memphis

is hereby re-designated as a

***National Center of Academic Excellence
in
Information Assurance Education***

for Academic Years 2009-2021

This certificate is presented in recognition of significant contributions in meeting the national demand for information assurance education, developing a growing number of professionals with information assurance expertise in various disciplines, and ultimately contributing to the protection of the national information infrastructure. Congratulations on your sustained growth and continuing maturation in information assurance education.

MICHAEL A. BROWN, RADM, USN
Acting Assistant Secretary for
Cybersecurity and Communications, DHS

KEITH B. ALEXANDER
Lieutenant General, USA
Director, NSA

RICHARD C. SCHAEFFER, JR.
Information Assurance
Director, NSA

Undergraduate cyber security research team



(In order from left to right: Mathew Jackowski from Rhodes College, Berkeley Willis, Aaron Marshall, Dr. Dasgupta, McKittrick Swindle, Robert Edstrom, Rachel Brandon)

U of M Team Won CTF (Capture The Flag) challenge at Middle Tennessee Cyber Summit - May 5-6, 2014



STUDENT TEAM WINS 2ND PLACE AT CYBER DEFENSE COMPETITION

- ▶ A team of four Computer Science students recently won second place in the prestigious [CANSec Cyber Defense Competition](#), held in Little Rock on Oct. 24.



Upcoming Events

CAST Workshop on Cyber Security

16 September 2016



Cluster to Advance
cyber Security & Testing



Ransomware is a form of malware that targets both human and technical weaknesses in organizations and individual networks in an effort to deny the availability of critical data and systems. Ransomware is frequently delivered through spear phishing e-mails to end users. When the victim organization determines they are no longer able to access their data, the cyber actor demands the payment of a ransom, at which time the actor will purportedly provide an avenue to the victim to regain access to their data. Recent iterations target enterprise end users, making awareness and training a critical preventative measure.



Federal Bureau of Investigation

Cyber Task Forces

www.fbi.gov/contact-us/field

Internet Crime Complaint Center

www.ic3.gov

U.S. Department of Justice
Federal Bureau of Investigation



August 22nd, 2016

1pm to 3pm

FedEx Institute of Technology

University of Memphis

Ransomware

Mid-South

Cyber Security Summit | October 14, 2016

[Home](#)[Speakers](#)[Sponsors](#)[Agenda](#)[Arrival](#)[Gallery](#)[Past Expos ▼](#)

**CYBER
SECURITY
SUMMIT**

**October 14
2016**

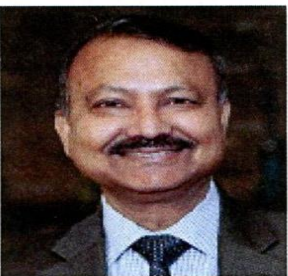
THE UNIVERSITY OF
MEMPHIS
Center for Information Assurance

HOME

This year's theme:
To be announced...

The speakers include:

To be announced...



Dipankar Dasgupta, Program Director

Dr. Dasgupta joined the University of Memphis as an assistant professor in 1997 and became a full professor in 2004. He is the recipient of the 2011-2012 Willard R. Sparks Eminent Faculty Award, the highest distinction and most prestigious honor given to a faculty member by the University of Memphis. Prof. Dasgupta is one

of the founding fathers of the field of artificial immune systems, making major contributions in applying bio-inspired approaches to intrusion detection, spam detection, and building survivable systems. In addition to his research and creative activities, he spearheads the University of Memphis' education, training, and outreach activities on Information Assurance as the founding director of the university's Center for Information Assurance.

Contact: dasgupta@memphis.edu



Kriangsiri ("Top") Malasri, Lead Instructor

Mr. Malasri joined the U of M's Department of Computer Science in Fall 2007 after finishing his M.S. at the University of Memphis. He has taught a wide variety of introductory computer science courses at the undergraduate level. Since Fall 2011, he has also coordinated academic advising for the Department's undergraduate students.

He is actively involved in recruitment and outreach activities and has been recognized extensively for his teaching and advising, including the 2012 Thomas W. Briggs Foundation Excellence in Teaching Award, 2013 Alumni Association Distinguished Advising Award, 2014 College of Arts and Sciences Award for Teaching Excellence, and 2015 College of Arts and Sciences Award for Advising Excellence.

Contact: kmalasri@memphis.edu

"You're building the future. Please build the one you want to live in."
- Hilary Mason, CEO of Fast Forward Labs



Erica Boyce, Program Assistant

Ms. Boyce is currently an Administrative Associate II with the U of M's Center for Research and Innovation in STEM Teaching and Learning (CRISTAL).

Contact: emboyce@memphis.edu

GenCyber Student Assistants

James Kiddy Rhythm Syed

Other U of M Staff

Karen Bell

Systems Analyst II, Enterprise Application Services

Tammy Alexander

Project Manager, FedEx Institute of Technology

Kendra Tillis

Business Officer II, Department of Computer Science

Student Volunteers

Sharifa Begum
Daya Ram Budhatoki
Robert Edstrom
Aaron Marshall
Mona Mishra
Abhijit Nag

Vamsi Krishna Polam
John Shrein
Sujit Shrestha
McKittrick Swindle
Berkeley Willis



Thank you!