Bootcamp for High School Students
June 20-24, 2016
University Center
Welcome by U of M Provost

Dr. Karen Weddle-West
Monday, June 20th, 2016
Cyber Security First Principles

Top Malasri, Instructor
Monday, June 20th, 2016
Cyber Code of Conducts & University Network Access Policy

Karen Bell, Systems Analyst
Monday, June 20th, 2016
Internet Security and Safe Browsing

Dr. Dipankar Dasgupta, Center Director
Monday, June 20th, 2016
Online social networks

- Facebook
- Twitter
- Myspace
- Youtube
- Hi5
- LinkedIn
- Google+
- Instagram
- SnapChat
- WhatsApp
Why you need to use strong Password?
Cyber Security First Principles (Cont. d)

Top Malasri, Instructor
Tuesday, June 21\textsuperscript{th}, 2016
Government Cyber Security Threats

Mr. Tim Marsh, FBI
Tuesday, June 21th, 2016
NSA Day of Cyber Session

Rhythm Syed, Student
Tuesday, June 21\textsuperscript{th}, 2016
Power of Programming

Top Malasri, Instructor
Tuesday, June 21th, 2016
U of M Data Center Visit

Karen Bell/Liliana Moisa
Tuesday, June 21st, 2016
Review of Cyber Security First Principles

Top Malasri, Instructor
Wednesday, June 22nd, 2016
Encryption/Decryption Game

Abhijit Nag, Ph.D Student
Wednesday, June 22nd, 2016
Security Lesson: Virtual Scavenger Hunt in Campus

Mona Mishra, Student
Wednesday, June 22\textsuperscript{nd}, 2016
Introduction of App Inventor
Web Form Validation Exercises

Dr. Dipankar Dasgupta/Sujit/Berkeley
Thursday, June 23rd, 2016
Multi-factor Authentication Project Demonstration

John Shrein/Abhijit Nag/McKittrick Swindle
Thursday, June 23$^{rd}$, 2016
Authentication

- What is authentication?
  - The process of determining the validity of one or more credentials used to claim a digital identity.
  - In other words, making sure you are who you say you are.
FedEx Institute of Technology (FIT) Tour

Tammy Alexander/Erca Boyce
Thursday, June 23rd, 2016
University (McWhether) Library Visit

Tammy Alexander/Erica Boyce
Thursday, June 23rd, 2016
Computer Science Undergraduate Program at U of M

Dr. Lan Wang, CS Chair
Friday, June 24th, 2016
Cyber Ethics & Privacy Issues in Social Networks

Dr. Judy Simon, Professor
Friday, June 24th, 2016
Thank you!
Thank you to all

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.

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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.

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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).

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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

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