



GenCyber: Bytes Summer Camp



Cyber-Security & Coding: Understanding Your Digital Footprint and How to Protect and Secure it

Description:

This summer camp will help students see the impact of Cyber Threats, Vulnerabilities, & Security on their Everyday Lives and will Empower them to be a Part of the Cyber Defense Solution.

This camp has been designed using a learner-centered approach and provides students with conceptual and practical applications of cyber-security principles and computer programming through interactive and hands-on activities.

Students who participate in this camp will:

- Gain an awareness of the scope and magnitude of their digital footprint
- Gain an understanding of how to better secure their privacy and access to their personal information and sensitive data against cybercriminals.
- Understand core cyber security concepts on a conceptual and practical level
- Engage in hands-on activities to apply core cyber security concepts and techniques
- Understand the fundamentals of programming concepts and learn to code
- Engage in authentic programming and exploratory cyber-security labs
- Meet cyber-security professionals and researchers and explore careers in cyber-security

Target Audience: Rising 7th-12th Grade Students with little to no Computer Science Background

Dates: July 27th -31st, 2015

Instructors: Certified Middle & High School Teachers

Program Director: Dr. Christina Gardner-McCune, Assistant Professor, University of Florida

Website: <http://www.christinagardner-mccune.com/#!camps2015/c1w05>

Hosted By:



UF | Department of Computer & Information Science & Engineering
University of Florida