

UNIVERSITY OF SOUTH FLORIDA // YOUTH EXPERIENCES PRESENTS

CYBERCON 2024





WELCOME

Dear attendees,

Welcome to USF CyberCon! We are thrilled to have you join us for an exciting journey into the world of cybersecurity. We hope that all participants in this camp - high school and college students, professors and USF staff, and industry professionals - will leave this week feeling like you are a part of a growing, passionate cybersecurity community.

Building a cybersecurity community has been a goal of ours, and this camp has grown from a summer camp to a conference, hence the rebranding this year to USF CyberCon. While we have a choice of workshops to personalize your learning experience, this is also a networking event for participants of all levels. We encourage you to not only be engaged in the workshops and learning process, but to speak with the presenters and industry professionals after the workshops are over, during lunch, and on breaks. Cybersecurity is a vast, interdisciplinary field with a diverse range of topics. As such, building these connections of people with different skills, abilities, and experiences will help us form a community who can learn and grow together.

We are honored to have an incredible lineup of guest speakers and industry professionals who are eager to share their insights and experiences with you. These sessions are designed to be interactive, and your curiosity and willingness to learn are key to making the most of this experience. We are so grateful to these speakers and professionals for taking their time to be here with you. As always, remember to be respectful and considerate towards our speakers and your fellow attendees. This conference is a collaborative learning environment where everyone's contributions are valued.

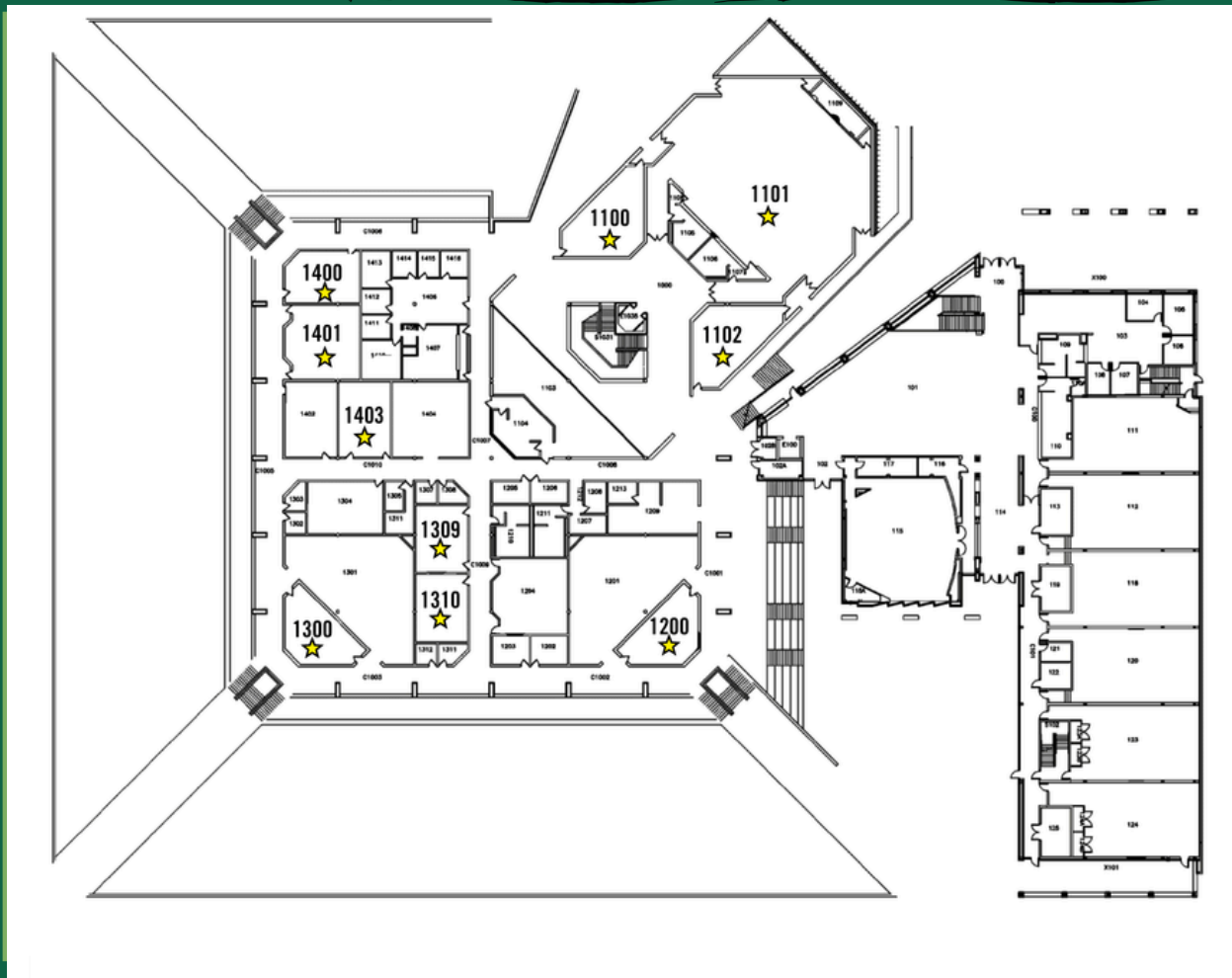
Thank you for taking the time to be here and for your enthusiasm to learn and grow in this vital field. We hope this week will be both enlightening and inspiring, and that you leave with a deeper understanding of cybersecurity and a passion for pursuing further knowledge in this field.



UNIVERSITY of
SOUTH FLORIDA
Youth Experiences

MAP OF CONFERENCE AREA

Muma College of Business



SCHEDULE OF EVENTS

MONDAY, JULY 22, 2024

9:00 AM - 10:00 AM

BSN 1100 - INTRO TO HIGH SCHOOL CYBERCON: DR. NATE FISK

10:00 AM - 11:00 AM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
ALTERNATIVE AND ADVANCED SEARCH ENGINE INTELLIGENCE (AASEI) JOE GRAY	NEON TEMPLE (FAKEJ) SETTING UP A LAB ENVIRONMENT WITH VIRTUALBOX	NEON TEMPLE (COCHISE) TEMPLE FLOW	TABLING/INFO SESSION IEEE CS	INTRO TO BADGES 502 ACTION TEAM		CYBER OPERATIONS-INTEGRATED PLANNING ELEMENTS USCENTCOM	CTF TUTORIALS & SET UP OPERATING SYSTEMS USF YOUTH EXPERIENCES

11:00 AM - 12:00 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
ALTERNATIVE AND ADVANCED SEARCH ENGINE INTELLIGENCE (AASEI) JOE GRAY	NEON TEMPLE (FAKEJ) SETTING UP A LAB ENVIRONMENT WITH VIRTUALBOX	NEON TEMPLE (COCHISE) TEMPLE FLOW	TABLING/INFO SESSION IEEE CS	INTRO TO BADGES 502 ACTION TEAM	LAW AND CYBERSECURITY AARON MAGUREGUI	CYBER OPERATIONS-INTEGRATED PLANNING ELEMENTS USCENTCOM	CTF TUTORIALS & SET UP OPERATING SYSTEMS USF YOUTH EXPERIENCES

12:00 PM - 1:00 PM

LUNCH



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SCHEDULE OF EVENTS

MONDAY, JULY 22, 2024

1:00 PM - 2:00 PM

BSN 1101: THE OSINTION - JOE GRAY

2:00 PM - 3:00 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
	NEON TEMPLE (FAKEJ) SETTING UP A LAB ENVIRONMENT WITH VIRTUALBOX	NEON TEMPLE (D4BOSH) JUICE SHOP (HACKING WORKSHOP)	GETTING INVOLVED WITH THE 502 PROJECT 502 ACTION TEAM	INTRO TO BADGES 502 ACTION TEAM 2:00-2:30 PM 2:30-3:00 PM	FIZEN TECH JARED KNISLEY	CYBER OPERATIONS- INTEGRATED PLANNING ELEMENTS USCENTCOM	CTF TUTORIALS & SET UP OPERATING SYSTEMS USF YOUTH EXPERIENCES

3:00 PM - 3:30 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
	NEON TEMPLE (FAKEJ) SETTING UP A LAB ENVIRONMENT WITH VIRTUALBOX	NEON TEMPLE (D4BOSH) JUICE SHOP (HACKING WORKSHOP)	GETTING INVOLVED WITH THE 502 PROJECT 502 ACTION TEAM	INTRO TO BADGES 502 ACTION TEAM 3:00-3:30 PM 3:30-4:00 PM	FIZEN TECH JARED KNISLEY	CYBER OPERATIONS- INTEGRATED PLANNING ELEMENTS USCENTCOM	CTF TUTORIALS & SET UP OPERATING SYSTEMS USF YOUTH EXPERIENCES

3:30 PM - 4:00 PM

CLOSING REMARKS



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Youth Experiences

SCHEDULE OF EVENTS

TUESDAY, JULY 23, 2024

9:00 AM - 10:00 AM

BSN 1100: OPENING REMARKS/NETWORKING TIME

10:00 AM - 11:00 AM

BSN 1100 CISCO NETWORKING BASICS	BSN 1101, 1102 CISCO NETWORK SECURITY AND WOMEN IN NETWORKING	BSN 1300 CISCO MERAKEI	BSN 1200 INFO SESSION IEEE CS	BSN 1309/ 1310 VILLAGES: HARDWARE NEON TEMPLE AND DR SUNNY WEAR	BSN 1400 SECRET SERVICE RECRUITING TABLE	BSN 1401 SECRET SERVICE WORKSHOP	BSN 1403 CYBER OPERATIONS- INTEGRATED PLANNING ELEMENTS USCENTCOM
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11:00 AM - 12:00 PM

BSN 1100 CISCO OSI MODEL	BSN 1101, 1102 CISCO FIREWALL LAB AND DEVOPS/AI	BSN 1300 CISCO NETWORK THREATS	BSN 1200 HOW TO BUILD A COMPUTER IEEE CS	BSN 1309/ 1310 VILLAGES: HARDWARE NEON TEMPLE AND DR SUNNY WEAR	BSN 1400 SECRET SERVICE RECRUITING TABLE	BSN 1401 SECRET SERVICE WORKSHOP	BSN 1403 CYBER OPERATIONS- INTEGRATED PLANNING ELEMENTS USCENTCOM
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12:00 PM - 1:00 PM

LUNCH



UNIVERSITY of
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Youth Experiences

SCHEDULE OF EVENTS

TUESDAY, JULY 23, 2024

1:00 PM - 2:00 PM

BSN 1100 CISCO NETWORK THREATS	BSN 1101,1102 CISCO NETWORK SECURITY AND CHOSE YOUR OWN ADVENTURE	BSN 1300 CISCO MERAKEI	BSN 1200 CLOSED	BSN 1309/ 1310 VILLAGES: HARDWARE NEON TEMPLE AND DR SUNNY WEAR	BSN 1400 SECRET SERVICE RECRUITING TABLE	BSN 1401 SECRET SERVICE WORKSHOP	BSN 1403 CYBER OPERATIONS- INTEGRATED PLANNING ELEMENTS USCENTCOM
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2:00 PM - 3:30 PM

BSN 1100 CISCO PROTOCOLS	BSN 1101,1102 CISCO SNORT CTF AND DEVOPS/AI	BSN 1300 CLOSED	BSN 1200 CLOSED	BSN 1309/ 1310 VILLAGES: HARDWARE NEON TEMPLE AND DR SUNNY WEAR	BSN 1400 SECRET SERVICE RECRUITING TABLE	BSN 1401 SECRET SERVICE WORKSHOP	BSN 1403 CYBER OPERATIONS- INTEGRATED PLANNING ELEMENTS USCENTCOM
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3:30 PM - 4:00 PM

CLOSING REMARKS



SCHEDULE OF EVENTS

WEDNESDAY, JULY 24, 2024

9:00 AM - 10:00 AM

BSN 1100: OPENING REMARKS/NETWORKING TIME

10:00 AM - 11:00 AM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
	NEON TEMPLE (FAKEJ) SETTING UP A LAB ENVIRONMENT WITH VIRTUALBOX	NEON TEMPLE (D4BOSH) JUICE SHOP (HACKING WORKSHOP)	UPS CYBER GIL VELASCO	VILLAGES: PICOPI & RUBBER DUCKY 502 ACTION TEAM	USF FEDERAL CREDIT UNION	PROMOTING CYBER HYGIENE AND CYBERSECURITY THROUGH VIDEOS GEORGE BURRUSS	CRYPTOGRAPHY USF YOUTH EXPERIENCES

11:00 AM - 12:00 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
	NEON TEMPLE (FAKEJ) SETTING UP A LAB ENVIRONMENT WITH VIRTUALBOX	NEON TEMPLE (D4BOSH) JUICE SHOP (HACKING WORKSHOP)	UPS CYBER GIL VELASCO	VILLAGES: PICOPI & RUBBER DUCKY 502 ACTION TEAM	USF FEDERAL CREDIT UNION	PROMOTING CYBER HYGIENE AND CYBERSECURITY THROUGH VIDEOS GEORGE BURRUSS	CRYPTOGRAPHY USF YOUTH EXPERIENCES

12:00 PM - 1:00 PM

LUNCH



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SCHEDULE OF EVENTS

WEDNESDAY, JULY 24, 2024

1:00 PM - 2:00 PM

BSN 1101: CRITICAL INFRASTRUCTURE PANEL - TECO/TAMPA WATER

2:00 PM - 3:00 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
	NEON TEMPLE (SMALLS) - HOW TO START A PODCAST	NEON TEMPLE (COCHISE) - TEMPLE FLOW	VULNERABILITIES & ATTACK CYCLE RELIAQUEST	VILLAGES: PICOPI & RUBBER DUCKY 502 ACTION TEAM	USF IT DENNIS GUILLETTE	PROMOTING CYBER HYGIENE AND CYBERSECURITY THROUGH VIDEOS GEORGE BURRUSS	CRYPTOGRAPHY USF YOUTH EXPERIENCES

3:00 PM - 3:30 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
	NEON TEMPLE	NEON TEMPLE (COCHISE) - TEMPLE FLOW	VULNERABILITIES & ATTACK CYCLE RELIAQUEST	VILLAGES: PICOPI & RUBBER DUCKY 502 ACTION TEAM	USF IT DENNIS GUILLETTE	PROMOTING CYBER HYGIENE AND CYBERSECURITY THROUGH VIDEOS GEORGE BURRUSS	CRYPTOGRAPHY USF YOUTH EXPERIENCES

3:30 PM - 4:00 PM

CLOSING REMARKS



UNIVERSITY of
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SCHEDULE OF EVENTS

THURSDAY, JULY 25, 2024

9:00 AM - 10:00 AM

BSN 1100: OPENING REMARKS/NETWORKING TIME

10:00 AM - 11:00 AM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
INTRODUCTION TO OPEN SOURCE INTELLIGENCE ANGELA RAMOS	NEON TEMPLE (FAKEJ) - HACK THE BOX ACADEMY	NEON TEMPLE (COCHISE) - CASING A BUILDING	CYBERPUNK MEDIA DR. NATE FISK	VILLAGES: BREAK INTO IT & SHOW AND TELL	CYBERSMART AMROC	ISC2: CYBERSECURITY CERTIFICATION TIMOTHY CAMPOS THOMAS JACKSON	CYBER OPERATIONS-INTEGRATED PLANNING ELEMENTS USCENTCOM

11:00 AM - 12:00 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
CYBERFLORIDA RYAN IRVING	NEON TEMPLE (FAKEJ) - HACK THE BOX ACADEMY	NEON TEMPLE (COCHISE) - LOCKPICKING	TRY HACK ME 502 ACTION TEAM	VILLAGES: BREAK INTO IT & SHOW AND TELL	CYBERSMART AMROC	ISC2: CYBERSECURITY CERTIFICATION TIMOTHY CAMPOS THOMAS JACKSON	CYBER OPERATIONS-INTEGRATED PLANNING ELEMENTS USCENTCOM

12:00 PM - 1:00 PM

LUNCH



UNIVERSITY of
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Youth Experiences

SCHEDULE OF EVENTS

THURSDAY, JULY 25, 2024

1:00 PM - 2:00 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
OPEN	NEON TEMPLE (COCHISE) JUICESHOP	NEON TEMPLE - LOCKPICKING	HACKER HISTORY DR. NATE FISK	VILLAGES: BREAK INTO IT & SHOW AND TELL	GAINING EXPERIENCE THROUGH CTFS ANGELA RAMOS	ISC2: CYBERSECURITY CERTIFICATION TIMOTHY CAMPOS THOMAS JACKSON	CYBER OPERATIONS- INTEGRATED PLANNING ELEMENTS USCENTCOM

2:00 PM - 3:30 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
OPEN	NEON TEMPLE (COCHISE) JUICESHOP	NEON TEMPLE LOCKPICKING	TRY HACK ME 502 ACTION TEAM	VILLAGES: BREAK INTO IT & SHOW AND TELL	GAINING EXPERIENCE THROUGH CTFS ANGELA RAMOS	ISC2: CYBERSECURITY CERTIFICATION TIMOTHY CAMPOS THOMAS JACKSON	CYBER OPERATIONS- INTEGRATED PLANNING ELEMENTS USCENTCOM

3:00 PM - 4:00 PM

CLOSING REMARKS



SCHEDULE OF EVENTS

FRIDAY, JULY 26, 2024

9:00 AM - 10:00 AM

BSN 1100: OPENING REMARKS/NETWORKING TIME

10:00 AM - 11:00 AM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
USF IT WATER, WATER EVERYWHERE, BUT NOT A DROP TO DRINK: INDUSTRIAL CONTROL SYSTEMS CYBERSECURITY	NEON TEMPLE	NEON TEMPLE (COCHISE) - TEMPLE FLOW	MACHINE LEARNING/AI GERALD FOURNAND	VILLAGES - CTF FINAL THUNDERDROME	RAYMOND JAMES IVAN MARCHANY	GAME DESIGN & LIFE SKILLS GIRLS WHO CODE	CLOSED

11:00 AM - 12:00 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
CLOSED	NEON TEMPLE	NEON TEMPLE (COCHISE) - TEMPLE FLOW	MACHINE LEARNING/AI GERALD FOURNAND	VILLAGES - CTF FINAL THUNDERDROME	RAYMOND JAMES IVAN MARCHANY	GAME DESIGN & LIFE SKILLS GIRLS WHO CODE	CLOSED

12:00 PM - 1:00 PM

LUNCH



UNIVERSITY of
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Youth Experiences

SCHEDULE OF EVENTS

FRIDAY, JULY 26, 2024

1:00 PM - 2:00 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
FBI - BRIAN SHARROW COVERT TECH: HIDDEN DEVICES AND DRONE OPERATIONS	NEON TEMPLE	NEON TEMPLE		VILLAGES - CTF FINAL THUNDERDROME	FUTURES IN CYBERSECURITY USF YOUTH EXPERIENCES	GAME DESIGN & LIFE SKILLS GIRLS WHO CODE	CLOSED

2:00 PM - 3:30 PM

BSN 1100	BSN 1101	BSN 1102	BSN 1300	BSN 1309/ 1310	BSN 1400	BSN 1401	BSN 1403
FBI - BRIAN SHARROW COVERT TECH: HIDDEN DEVICES AND DRONE OPERATIONS	NEON TEMPLE	NEON TEMPLE		VILLAGES - CTF FINAL THUNDERDROME	FUTURES IN CYBERSECURITY USF YOUTH EXPERIENCES	GAME DESIGN & LIFE SKILLS GIRLS WHO CODE	CLOSED

3:30 PM - 4:00 PM

CLOSING REMARKS



UNIVERSITY of
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Youth Experiences



WORKSHOP DESCRIPTIONS

MONDAY, JULY 22, 2024

ALTERNATIVE & ADVANCED SEARCH ENGINE INTELLIGENCE (AASEI) - JOE GRAY

10:00 AM - 12:00 PM (BSN 1100)

The Alternative & Advanced Search Engine Intelligence (AASEI) session is designed to provide students with a comprehensive understanding of search engines and algorithms, and how they can be used for intelligence operations. The course goes beyond Google, Yandex, and Bing, and exposes students to a variety of specialized and regional search engines. Students will learn techniques to alter and improve their search engine results, and gain a better understanding of how to effectively search abroad.

INFORMATION SESSION - IEEE CS

10:00 AM - 12:00 PM (BSN 1300)

The Institute of Electrical and Electronics Engineers Computer Society, University of South Florida Chapter, will be hosting an information session about their student organization and its support for work in cybersecurity.

NEON TEMPLE (FAKEJ)

10:00 AM - 12:00 PM; 1:00PM - 3:00 PM (BSN 1101)

Setting up a Lab Environment with Virtualbox

NEON TEMPLE (COCHISE) AND NEON TEMPLE (D4BOSH)

10:00 AM - 12:00 PM AND 1:00PM - 3:00PM (BSN 1101)

Temple Flow and Juice Shop (Hacking Workshop)

GETTING INVOLVED WITH THE 502 PROJECT - 502 ACTION TEAM

10:00AM - 12:00PM (BSN 1300)

Interested in joining the 502 Project, or just learning more about what we do? Discover how the 502 Project is creating a more accessible, inclusive, and participatory cybersecurity workforce pipeline and how you can become part of it.



WORKSHOP DESCRIPTIONS

MONDAY, JULY 22, 2024 (CONT.)

INTRODUCTION TO BADGES - 502 ACTION TEAM

10:00AM - 12:00PM; 1:00PM - 4:00PM (BSN 1309/1310)

This session will dive into the culture of badge life and the creative process behind designing the CyberCon badge. Learn about the significance of conference badges and the steps involved in bringing the CyberCon badge to life.

LAW AND CYBER SECURITY - AARON MAGUREGUI - FOLEY AND LARDNER

11:00 AM - 12:00 PM (BSN 1400)

Explore the intersection of legal frameworks and cybersecurity practices, gaining insight into the regulatory landscape and compliance requirements. Understand how legislation, policy, and ethics shape cybersecurity strategies and learn to navigate legal challenges in the field.

CYBER OPERATIONS-INTEGRATED PLANNING ELEMENTS - USCENTCOM

10:00 AM - 12:00 PM; 1:00 PM - 3:30 PM (BSN 1400)

TBD

VILLAGES: CTF TUTORIALS & SETTING UP OPERATING SYSTEMS

2:00PM - 3:30PM (BSN 1403)

Students will engage in Capture The Flag (CTF) challenges and learn how to set up and secure operating systems, providing a comprehensive introduction to practical cybersecurity skills.

FIZEN TECH - JARED KNISLEY

2:00 PM - 3:30 PM (BSN 1400)

In this session, you'll learn to use vulnerability scanning software on one of our custom websites. Students will research the identified vulnerabilities and create summarized presentations with recommendations for resolving these issues.



WORKSHOP DESCRIPTIONS

TUESDAY, JULY 23, 2024

CISCO

10:00 AM - 12:00 PM; 1:00 PM - 3:30 PM (BSN 1100, 1101, 1102, 1300)

TBD

INFORMATION SESSION - IEEE CS

10:00 AM - 12:00 PM (BSN 1300)

The Institute of Electrical and Electronics Engineers Computer Society, University of South Florida Chapter, will be hosting an information session about their student organization and its support for work in cybersecurity.

HOW TO BUILD A COMPUTER - IEEE CS

10:00 AM - 12:00 PM (BSN 1101)

Join Hardware Tech Lead Boburjon for an interactive workshop where he will assemble a real PC live. This hands-on session is designed for kids to learn about the different parts of a PC and how they work together.

VILLAGES: HARDWARE - NEON TEMPLE

10:00 AM - 12:00 PM; 1:00 PM - 3:30 PM (BSN 1309/1310)

Hardware Village is set to mimic the Voting Village at DEF CON, offering students the chance to dissect hardware and uncover potential vulnerabilities. Participants will gain hands-on experience in understanding and identifying security flaws in various devices.

SECRET SERVICE RECRUITING TABLE/WORKSHOP

10:00 AM - 12:00 PM; 1:00 PM - 3:30 PM (BSN 1400/1401)

TBD



WORKSHOP DESCRIPTIONS

WEDNESDAY, JULY 24, 2024

UPS CYBER - GIL VELASCO

10:00 AM - 12:00 PM (BSN 1300)

This session will provide actionable information on current cyber threats and trends, enhancing situational awareness on threats, trends, and targeted attacks. Key topics include adversaries and the cloud, certificates, trusted systems abuse, current countermeasures, and essential takeaways for improving cyber defenses.

VILLAGES: PICOPI & RUBBER DUCKY - 502 ACTION TEAM

10:00 AM - 12:00 PM (BSN 1309/1310)

Join us for an in-depth exploration of Rubber Ducky technology. This workshop will uncover the methods custom HID devices use to simulate USB keyboards, alongside the intricate techniques hackers employ to access and manipulate devices.

USF FEDERAL CREDIT UNION

10:00 AM - 12:00 PM (BSN 1400)

TBD

PROMOTING CYBER HYGIENE AND CYBERSECURITY THROUGH VIDEOS - GEORGE BURRUSS

11:00 AM - 12:00 PM; 1:00 PM - 3:30 PM (BSN 1401)

In this workshop, we discuss promoting cybersecurity for the public through best practices to avoid identity theft or other online scams. Students will create short, entertaining videos based on these practices and then present them to others in the camp.

CRYPTOGRAPHY - USF YOUTH EXPERIENCES

10:00AM - 12:00PM (BSN 1403)

In this session, campers will decrypt messages using various programming languages. Participants will gain hands-on experience with cryptographic techniques and learn how to apply them in real-world scenarios.



WORKSHOP DESCRIPTIONS

WEDNESDAY, JULY 24, 2024 (CONT.)

CYBER FLORIDA - RYAN IRVING

10:00AM - 12:00PM (BSN 1403)

TBD

NEON TEMPLE (FAKE) AND NEON TEMPLE (SMALLS)

10:00 AM - 12:00 PM; 1:00PM - 2:00 PM (BSN 1101)

Setting up a Lab Environment with Virtualbox and how to start a podcast

CRITICAL INFRASTRUCTURE PANEL: PHYSICAL SECURITY AND CYBERSECURITY - TECO/TAMPA BAY WATER

1:00 PM - 2:00 PM (BSN 1100)

This session will explore the critical intersection of physical and cybersecurity. Hear from industry experts, including Tampa Bay Water and TECO. This session will delve into the challenges and strategies of securing both physical infrastructure and digital assets, offering valuable perspectives for professionals in the field.

USF IT - DENNIS GUILLETTE

2:00 PM - 3:30 PM (BSN 1400)

Join us for an engaging session where a seasoned cybersecurity expert reflects on 25 years of experience in the field. This session will dive into the most significant lessons learned over a quarter-century, offering valuable insights and fascinating stories from the cyber front lines.

VULNERABILITIES AND ATTACK LIFE CYCLE - RELIAQUEST

2:00 PM - 3:30 PM (BSN 1300)

This session will explore the phases in the attack lifecycle, organizing security events accordingly and developing recommendations for incident response. Activities will focus on identifying where security events fall within the attack lifecycle to inform incident response and enhance overall security posture.



WORKSHOP DESCRIPTIONS

THURSDAY, JULY 25, 2024

TRACE AND REVEAL: UNCOVERING YOUR DIGITAL FOOTPRINT - ANGELA RAMOS

10:00 AM - 12:00 PM (BSN 1100)

TBD

CYBERPUNK MEDIA - DR. NATE FISK

10:00 AM - 11:00 AM (BSN 1300)

This session of CyberPunk Media will explore how literature, film, and gaming envision futuristic technology, societal challenges, and digital worlds. Join us for a critical examination of their influence on contemporary culture and their reflections on the future of humanity.

RASPBERRY PI - 502 ACTION TEAM

11:00 AM - 12:00 PM; 2:00 PM - 3:30 PM (BSN 1300)

Discover the many uses of the Raspberry Pi! Explore how this compact computer supports projects in programming, robotics, IoT, and beyond and offers a gateway to hands-on learning and innovative creations.

VILLAGES: BREAK INTO IT/SHOW AND TELL

10:00 AM - 12:00 PM; 1:00 PM - 3:30 PM (BSN 1309-1310)

Campers will test the code they've developed in previous sessions on actual devices, as well as showcase and discuss innovative devices they've created outside of camp. This hands-on experience allows for practical application and sharing of their unique projects.

CYBERSMART - AMROC

10:00AM - 12:00PM (BSN 1400)

CyberSMART, run with the Office of Naval Research, teaches kids about a real hack that occurred in Florida and how to use hardware and coding to safely override it. This program highlights how cybersecurity protects physical hardware automated by software through SAAS systems in U.S. infrastructure.



WORKSHOP DESCRIPTIONS

THURSDAY, JULY 25, 2024 (CONT.)

ICS2 - TIMOTHY CAMPO THOMAS JACKSON

10:00 AM - 12:00 PM; 2:00 PM - 4:00 PM (BSN 1300)

TBD

NEON TEMPLE (FAKEJ), NEON TEMPLE(SMALLS), AND NEON TEMPLE (COCHISE)

10:00 AM - 11:00 AM; 11:00 AM - 12:00 PM; 1:00 PM - 2:00 PM (BSN 1101,1102)

Hack the Box Academy, Temple Flow, and How to Start a Podcast

USF YOUTH EXPERIENCES CASE A BUILDING AND PHISHING LAB

11:00 AM - 12:00 PM; 1:00 PM - 2:00 PM; 2:00 PM - 3:30 PM (BSN 1100)

Campers will learn techniques for physically assessing a building's security and identifying potential entry points, followed by a focus on social engineering tactics, including phishing emails.

HACKER HISTORY - DR. NATE FISK

1:00 PM - 2:00 PM (BSN 1300)

Dr. Fisk teaches Hacker History, where we trace the evolution of hacking from its early roots to modern-day cyber exploits. Explore pivotal moments, notable figures, and the transformative impact of hacking on technology, security, and society.

GAINING EXPERIENCE THROUGH CTFS - ANGELA RAMOS

1:00 PM - 3:30 PM (BSN 1400)

TBD



WORKSHOP DESCRIPTIONS

FRIDAY, JULY 26, 2024

MACHINE LEARNING/AI - GERALD FOURNAND

10:00 AM - 12:00 PM (BSN 1300)

In the "Machine Learning and AI" session, you'll learn the fundamentals of AI, including its definition and functionality. We will explore AI security, the implications of inputting your own data, data sources, prompting techniques, and even guide you through training your own model.

VILLAGES: CTF FINAL THUNDERDROME

10:00 AM - 12:00 PM; 2:00 PM - 3:30 PM (BSN 1300)

It's the final countdown! Check the CTF leaderboard—are you on it? The Neon Temple challenges you to ask yourself: What makes you come alive?

RAYMOND JAMES - IVAN MARCHAY

10:00 AM - 12:00 PM (BSN 1400)

Explore how to build a cyber home lab, gain insights into the daily life of a security engineer, and learn tips for crafting a standout resume and acing technical interviews in the cybersecurity industry. This session provides essential knowledge and practical advice for aspiring cybersecurity professionals.

GAME DESIGN & LIFE SKILLS - GIRLS WHO CODE

10:00 AM - 12:00 PM; 1:00 PM - 3:30 PM (BSN 1401)

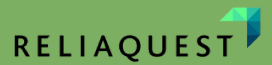
Dive into Python programming to create your own mini-game while developing key professional skills. This workshop with Girls Who Code, combines coding fundamentals with teamwork, problem-solving, and communication techniques, preparing you for future tech opportunities.

CYBER OPERATIONS-INTEGRATED PLANNING ELEMENTS - USCENTCOM

10:00 AM - 12:00 PM; 1:00 PM - 3:30 PM (BSN 1400)

TBD

THANK YOU TO OUR PARTNERS



Student Branch Chapter at
the University of South Florida

