FloCon 2021 Announces Program on Using Data to Defend

December 9, 2020 — FloCon, the Software Engineering Institute’s annual international conference on data analysis for security, has announced the program for its upcoming event. FloCon 2021 will be held online Tuesday, January 12, through Friday, January 15, and will focus on “Using Data to Defend.”

Facebook data scientist Lauren Deason and Tennessee Tech University Professor of Computer Science Ambareen Siraj will give keynote presentations. The conference’s other speakers and instructors include network security experts from academia, industry, and federally funded research and development centers. Trainings on data science and intrusion analysis will also be offered.

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The OCTAVE FORTE (OCTAVE For the Enterprise) model for enterprise risk management helps executives and other decision makers understand and prioritize the complex risks affecting their organizations.

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The conclusions of a 2019 SEI workshop describe nine areas of need for the defense and national security AI systems of the future.

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Thomas Evans describes issues the federal government should address to help organic sustainment teams expand into organic software engineering teams.

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Bill Nichols, a researcher in the SEI’s Software Solution Division, recently examined the widely held notion that some programmers are much better than others.

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Advancing Risk Management Capability Using the OCTAVE FORTE Process
OCTAVE FORTE is a process model that helps organizations evaluate their security risks and use ERM principles to bridge the gap between executives and practitioners.

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Bill Nichols asks if the great programmers really are 10 times faster than the rest and what that productivity difference means.

Webcast - **What Is Cybersecurity Engineering and Why Do I Need It?**
Carol Woody and Rita Creel discuss how cybersecurity engineering knowledge, methods, and tools throughout the lifecycle of software-intensive systems will reduce their inherent cyber risk and increase their operational cyber resilience.

Webcast - **Threats for Machine Learning**
Mark Sherman explains where machine learning applications can be attacked, the means for carrying out the attack, and some mitigations you can use.

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**Upcoming Events**

**Artificial Intelligence for Humanitarian Assistance and Disaster Response Workshop, December 12**
This workshop establishes dialogue between the AI and Humanitarian Assistance and Disaster Response (HADR) communities.

**FloCon 2021, January 12-15, 2021**
The theme of Using Data to Defend is more critical than ever, given the security challenges of moving customers and vendors online and supporting a remote workforce.

**Note:** The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual event pages for the latest information.

**See more events »**
Cybersecurity Oversight for the Business Executive
February 23-24, 2021 (SEI Live Online)

Documenting Software Architectures
February 22-25, 2021 (SEI Live Online)

Software Architecture Design and Analysis
March 9-12, 2021 (SEI Live Online)

Note: The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual training pages for the latest information. You may also contact us at courseregistration@sei.cmu.edu or +1-412-268-7388.

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