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## SEI Launches CERT Certificate in Data Science for Cybersecurity

**March 15, 2023**—The CERT Division of the SEI has launched the CERT Applied Data Science for Cybersecurity Professional Certificate program. Designed by CERT Division machine learning research scientists and cybersecurity experts at the SEI, the program teaches ML and AI techniques and best practices for the analysis of cybersecurity data using the tools of data science.

“Strategic use of data is a crucial and growing part of the organizational security, cybersecurity, and the national security mission,” said Thomas Scanlon, technical manager for the CERT Division’s Data Science team. “The defense acquisition workforce needs to increase capability in using data science to accomplish the many goals it faces.”

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### [DevSecOps Days 2023 Opens Registration, Call for Speakers](#)

The conference on integrating security into DevOps practices will be held virtually May 11.

### [SEI Launches CERT Certificate in Data Science for Cybersecurity](#)

The CERT Division of the SEI has launched the CERT Applied Data Science for Cybersecurity Professional Certificate program.

### [CERT Event to Focus on Secure Software Development](#)

The CERT Division of the SEI has opened registration and a call for presentations for Secure Software by Design.

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## [\*\*Latest Blogs\*\*](#)

### [The Benefits of Cyber Assessment Training](#)

Rhonda Brown and Alexander Petrilli discuss how cybersecurity assessments can help critical infrastructure organizations improve their cybersecurity with help from free assessment tools developed by the SEI and offered by the U.S. government.

### [5 Best Practices from Industry for Implementing a Zero Trust Architecture](#)

Matthew Nicolai, Nathaniel Richmond, and Timothy Morrow present five best practices from industry on implementing a zero trust architecture and discuss why they are significant.

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## [\*\*Latest Podcasts\*\*](#)

### [Improving Interoperability in Coordinated Vulnerability Disclosure with Vultron](#)

Allen Householder talks with Suzanne Miller about Vultron, a protocol for multi-party coordinated vulnerability disclosure (MPCVD).

## [Asking the Right Questions to Coordinate Security in the Supply Chain](#)

Carol Woody talks with Suzanne Miller about the SEI's newly released Acquisition Security Framework (ASF), which helps programs coordinate the management of engineering and supply-chain risks across system components.

[\*\*See more podcasts »\*\*](#)

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## [\*\*Latest Publications\*\*](#)

### [FloCon 2023 Assets](#)

These presentations and posters are from FloCon 2023, the SEI's annual conference on applying collected data to defend enterprise networks.

### [Zero Trust Industry Day 2022: Areas of Future Research](#)

This paper describes the future research discussed at the 2022 Zero Trust Industry Day event.

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## [\*\*Latest Videos\*\*](#)

### [Addressing Supply Chain Risk and Resilience for Software-Reliant Systems](#)

Carol Woody and Charles Wallen discuss the Acquisition Security Framework (ASF) and how the ASF provides a roadmap to help organizations build security and resilience into a system.

### [Does Your DevSecOps Pipeline Only Function as Intended?](#)

In this webcast, Tim Chick discusses how a DevSecOps model can be built using model-based systems engineering.



## [\*\*Upcoming Events\*\*](#)

Webcast - [AI Next Generation Architecture](#), March 16

Mike Mattarock will discuss some of the primary quality attributes guiding design and how a next-generation architecture can facilitate an integrated future state.

[DevSecOps Days Pittsburgh 2023](#), May 11

DevSecOps Days Pittsburgh 2023 will be held virtually by the SEI on May 11.

[Secure Software by Design](#), June 12-13

This in-person event in the SEI's Arlington, Va., location promotes making security an integral aspect of the entire software lifecycle.

[See more events »](#)

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## [Upcoming Appearances](#)

[Women in Cybersecurity \(WiCyS\) 2023](#), March 16-18

Join us to support the recruitment and retention of women in cybersecurity.

[AFCEA Lexington-Concord New Horizons 2023](#), March 27-29

The SEI is sponsoring this event.

[AUSA Global Force Symposium & Exposition](#), March 28-30

Visit the SEI exhibit.

[See more opportunities to engage with us »](#)

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## [Upcoming Training](#)

[Cybersecurity Oversight for the Business Executive](#)

May 23-24, 2023 (SEI Arlington, Va.)

[Software Architecture Design and Analysis](#)

June 5-8, 2023 (SEI Live Online)

[See more courses »](#)

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## Employment Opportunities

[Assistant Solutions Engineer](#)

[Senior Software Acquisition Innovation Specialist](#)

[Security Researcher](#)

[\*\*All current opportunities »\*\*](#)

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