

SEI Bulletin

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The Top 10 Skills CISOs Need in 2024

January 31, 2024—“The role of the chief information security officer (CISO) has never been more important to organizational success,” writes Greg Touhill, director of the CERT Division of the SEI in a blog post released January 24. In the post, Touhill, who was appointed by President Barack Obama to be the first CISO of the federal government, outlines the top 10 skills CISOs need for 2024 and beyond.

“The present and near-future for CISOs will be marked by breathtaking technical advances, particularly those associated with the inclusion of artificial intelligence technologies being integrated into business functions, as well as emergent legal and regulatory challenges,” he writes.

Touhill advises CISOs to master AI, improve communication with the board and C-suite, manage risk using advanced metrics and risk quantification, and think beyond enterprise IT, among other tips.

[Read the post »](#)



SEI News

[New Study: How to Assess Large Language Model Fitness for Software Engineering and Acquisition](#)

An SEI white paper provides a structured way for organizations to see how an LLM might address software engineering and acquisition needs.

[SEI Team Leads First Independent Study on Technical Debt in Software-Intensive DoD Systems](#)

Experts on technical debt and DoD software modernization delivered broad-ranging findings to Congress.

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[The Top 10 Skills CISOs need in 2024](#)

Greg Touhill outlines the top skills that CISOs need in 2024 and beyond.

[10 Benefits and 10 Challenges of Applying Large Language Models to DoD Software Acquisition](#)

John Robert and Douglas Schmidt present benefits and challenges of applying LLMs to the software acquisition process and specific use cases where generative AI can provide value.

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Latest Podcasts

[The Impact of Architecture on the Safety of Cyber-Physical Systems](#)

Jerome Hugues discusses challenges that arise from the increasing autonomy in cyber-physical systems, including transferring and processing multiple data streams.

[ChatGPT and the Evolution of Large Language Models: 4 Case Studies](#)

Matthew Walsh and Dominic Ross discuss their work in developing four case studies to understand limitations and future uses of ChatGPT.

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[Latest Publications](#)

[Encoding Verification Arguments to Analyze High-Level Design Certification Claims: Experiment Zero \(E0\)](#)

This paper discusses whether automation of certification arguments can identify problems that occur in real systems.

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Webcast - [Ask Us Anything: Supply Chain Risk Management](#), January 31
Brett Tucker answers your enterprise risk management questions to help your organization achieve operational resilience in the cyber supply chain.

Symposium - [Supply Chain Risk Management Symposium 2024](#), February 28

Join us to hear about the latest challenges and best practices in supply chain risk management (SCRM) from recognized leaders in SCRM research, as well as leading-edge practitioners from government and industry.

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March 12 (SEI Live Online)

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