Carnegie Mellon University
Software Engineering Institute

SEI Bulletin — April 29, 2020

Designing Trustworthy AI

In the latest SEI podcast, Carol Smith, a senior research scientist in human-machine interaction at the SEI's Emerging Technology Center, discusses a framework for designing artificial intelligence (AI) systems that are trustworthy and can effectively augment warfighters. More frequent partnerships between warfighters and AI systems will reveal opportunities to clarify the limits of AI and set realistic expectations for these types of systems. In the podcast "Designing Trustworthy AI," Smith discusses her ethical AI framework, which builds on the importance of diverse teams and ethical standards.

"The human-computer-interaction aspect is even more important with artificial intelligence, because there is a lot of distrust often of artificial intelligence and machine-learning systems," says Smith in the podcast. "So, by really understanding what it is that is going to help people to better partner and to trust the systems more, we can help them to be more successful because they will be able to partner more effectively."

Watch the podcast. Audio versions of the SEI Podcast Series are also available on Apple Podcasts, Google Podcasts, TuneIn, SoundCloud, and Stitcher.

SEI NEWS

- Insider Threats in the Time of COVID-19
- Nominations Sought for 2020 IEEE/SEI Watts S. Humphrey SPA Award
- SATURN 2020 Canceled

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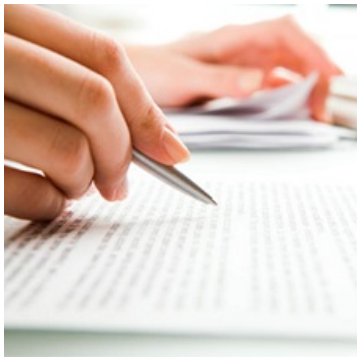


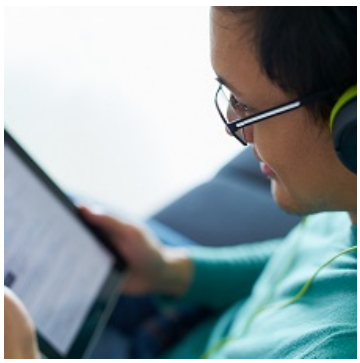
SEI Publications

- Guide to Implementing DevSecOps for a System of Systems in Highly Regulated Environments
- CMMC—Securing the DIB Supply Chain with the Cybersecurity Maturity Model Certification Process
- Integrability

SEI Blog

Recent posts

- System Resilience Part 7: 16 Guiding Principles for System Resilience
- System Resilience Part 6: Verification and Validation
- Reviewing Formalized DevOps Assessment Findings and Crafting Recommendations: Sixth in a Series



SEI Podcast Series

Available in video and audio formats

- Designing Trustworthy AI
- My Story in Computing with Madison Quinn Oliver
- The CERT Guide to Coordinated Vulnerability Disclosure

SEI Events

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.

Featured events

- Webinar - Top 5 Considerations Before Boarding the Container Ship
- Software Engineering Workshop for Educators
- NatCSIRT 2020
- FloCon 2021

SEI Videos

Short videos of SEI work from our experts

- Webinar - Trust, Verify & Authorize with DevSecOps
- Webinar - Adopting a DevSecOps Culture in the DoD
- Webinar - Hitting the Ground Running: Reviewing the 17 CMMC Level 1 Practices

SEI Training

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.

- Insider Threat Analyst
  July 14-16, 2020 (SEI, Arlington, Va.)
- Insider Threat Program Evaluator
  July 28-30, 2020 (SEI, Arlington, Va.)

SEI Careers

Featured opportunities

- Senior Windows Systems Administrator
- Software Developer
- Associate Software Engineer
- All Current Opportunities

About the SEI Bulletin

The SEI Bulletin is a biweekly newsletter designed to keep you up to date on SEI news, events, research, and other matters of interest to the SEI community. We hope you find the SEI Bulletin useful and informative.

Send Us Your Story

Do you have a story about how an SEI technology has positively affected your team or organization? If so, the SEI would like to hear about it. Send a short summary of your success to info@sei.cmu.edu, and you could be featured in a future issue of the SEI Bulletin.

Our mailing address is

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