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DM24-0495

Content - Home Page

Investment Piece - Headline + Button (TBD)

News

News stories feed.

Advancing Software for National Security and a Better World

At the Software Engineering Institute, we research complex software engineering, cybersecurity, and artificial intelligence (AI) engineering problems; we create and test innovative technologies; and we transfer maturing solutions into practice. Since our foundation in 1984, we have helped the [Department of Defense](#), government agencies, and private industry meet mission goals and gain strategic advantage by innovating and advancing software practices and solutions.

SEI National Impact

Our day-to-day lives are increasingly reliant on software. Understanding the impact that this wide-ranging effect has on our economy, national security, critical infrastructure, and other aspects of our lives is crucial. At the SEI, we study not just the technical aspects of software, but how it impacts real people and events, and we work to shape a safer and more secure future.

Read more about the impact of the SEI's work.

Our People

SEI staff members demonstrate the highest levels of excellence and expertise in the field of software engineering. Many serve on the boards of prestigious institutions, they publish their research in esteemed journals, and are often distinguished for their influential work with awards and acknowledgments from renowned organizations that specialize in software, cybersecurity, and artificial intelligence. Read more about the accomplishments of our staff members.

News feed about our people goes here.

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Our Work

We transform the future of software through research in cybersecurity, software engineering, and AI engineering.

Agile	Artificial Intelligence Engineering	Cloud Computing
Cyber Workforce Development	Cybersecurity Center Development	Cybersecurity Engineering
DevSecOps	Edge Computing	Enterprise Risk and Resilience Management
Insider Threat	Quantum Computing	Reverse Engineering for Malware Analysis
Secure Development	Security Vulnerabilities	Situational Awareness
Software Architecture		

Delivering the Impact of Our Research to You

We make our work available by transferring the knowledge that we develop through our research into hands-on applications or educational materials to deliver maximum impact for people who work in cybersecurity and software. For example, we develop prototypes, practices, and tools that we generalize or scale for use in government or the private sector. We also develop coursework, training, and certificate programs so that the knowledge we develop reaches key stakeholders in the software community.

Tools The SEI applies its research to develop innovative tools that we publish as open source software. Access and download our software and tools today.	Education and Coursework Education plays a key role in transferring our knowledge to our partners and the public. View our curricula and our course and certification offerings and sign up to receive notifications about new course offerings.
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Conferences and Workshops The SEI organizes many kinds of events, including conferences where we share our knowledge and workshops where we perform hands-on work. Sign up for an upcoming event with the SEI.	Publications The SEI publishes many kinds of deliverables to communicate the latest in SEI research, including blog posts, technical reports, white papers, and much more. Search the SEI's digital library as well as the topics in our blog .
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Events

Events feed.

Join Us in Shaping the Future of Software

Pursue your passion and work alongside our diverse group of world-recognized leaders and innovators in the field of software engineering. We invite you to view [current employment opportunities](#), learn about benefits of working at the SEI, and apply for a position.

[Careers at the SEI](#)