Carnegie Mellon University
Software Engineering Institute

SEI Bulletin — September 4, 2018

Our Latest on Blockchain: A More Secure Programming Language and Next Steps

Billions of dollars in venture capital, industry investments, and government investments are going into the technology known as blockchain. It is being investigated in domains as diverse as finance, health care, defense, and communications. As blockchain technology has become more popular, programming-language security issues have emerged that pose a risk to the adoption of cryptocurrencies and other blockchain applications.

In this SEI Blog post, Eliezer Kanal, a technical manager and researcher in CERT's Cyber Security Foundations group, describes a new programming language, Obsidian, that the SEI is developing in partnership with Carnegie Mellon University (CMU) to write secure smart contracts in blockchain platforms.

On September 5, Eliezer Kanal will join Gabriel L. Somlo for the webcast "Next Steps with Blockchain Technology." Learn applications of blockchain specific to finance and government at this free SEI Virtual Event.

- Read [the post](#).
- Register for the SEI Virtual Event: [Next Steps with Blockchain Technology](#)

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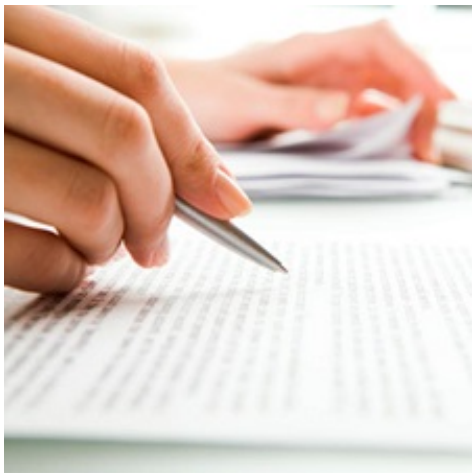
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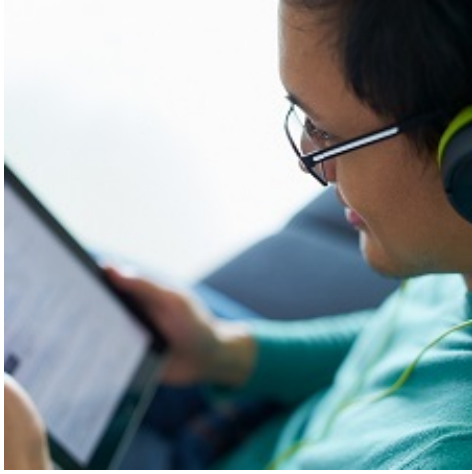
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About the SEI Bulletin

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.