4 Courses

Principles of Secure Coding

Identifying Security Vulnerabilities

Identifying Security Vulnerabilities in C/C++Programming

Exploiting and Securing Vulnerabilities in Java Applications

Apr 28, 2024

Garret Wassermann

has successfully completed the online, non-credit Specialization

Secure Coding Practices

In this Specialization, learners developed and practiced essential skills critical to safeguard against security attacks within an organization including robust versus secure programming, applied the eight design principles that govern secure coding, created threat models, applied basic cryptography, learned to think like a hacker and are able to protect against the three most common types of injection problems: SQL injection, cross-site scripting, and command injection in both C/C++ and Java programming languages.

Matthew Bishop, Ph.D, Professor, Department of Computer Science; Sandra Escandor-O'Keefe, Offensive Security Engineer at Fastly; Joubin Jabbari, Software Security Architect, Financial Industry

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