

UNIVERSITY OF SOUTH FLORIDA

Major Research Paper Presentation

Precise and General Static Analysis Framework for Security Vulnerability Detection in Android Apps

by

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For the Ph.D. Degree in Computer Science

Large program behaviors of the application as objectives for detecting information. Thus, we designed a novel approach to conducting static analysis for vulnerability detection in Android apps, and built a static analysis framework called AppSec. The framework consists of a compiler plugin for Android applications, which can automatically generate a control flow graph of the application. The framework also includes a static analysis engine that can detect security vulnerabilities in the application.

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THE PUBLIC IS INVITED

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