



13 November 2019

A Security Analysis of Facebook's Political Ad Library (1:10-1:50pm ET)

AND

Secure Cloud Assisted Smart Cars

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Date: 13 November 2019

Time: 1:10-1:50pm ET

Location: <https://caecommunity.zoom.us/my/caeforum>

Just log in as "Guest" and enter your name. No password required.

Topic: A Security Analysis of Facebook's Political Ad Library

Audience: Students, Professors, Govt.

Presenter(s): Laura Edelson, New York University

Description:

Online advertising plays an increasingly important role in political elections. As part of the 2016 U.S. national elections, there were a number of controversies regarding an ad-driven propaganda campaign to influence elections and privacy violations. In response to these controversies, Facebook, Google, and Twitter have all created policies and implemented products to make transparent and archive U.S. political advertisements that have run on their platforms. We present a security review of Facebook's Ad Library and political ad disclosure efforts.

Laura Edelson is a Ph.D. candidate and Research Assistant at NYU. Laura has returned to academia after a successful career as a software engineer in the financial and data analysis sectors because she came to question the impact that big data and machine learning, and her work, in particular, had on society at large. She worked as a software engineer in the financial and data analysis sectors for 15 years at Palantir, Factset, and NYFIX.

Date: 13 November 2019

Time: 2:00 – 2:40pm EST

Location: <https://caecommunity.zoom.us/my/caeforum>

Just log in as “Guest” and enter your name. No password required.

Topic: Secure Cloud Assisted Smart Cars

Audience: Students, Professors, Govt.

Presenter(s): Maanak Gupta, Tennessee Tech

Description: Smart cars are among the essential components and major drivers of future cities and connected world. The interaction among connected entities in this vehicular internet of things domain, which also involves smart traffic infrastructure, restaurant beacons, emergency vehicles, etc., will offer many real-time service applications and provide safer and more pleasant driving experience to consumers. Security and privacy are big concerns that deter the adoption of smart cars, which if not properly addressed will have grave implications with risk to human life and limb.

In this talk, Gupta will first highlight the access control needs in smart cars ecosystem and present an access control-oriented architecture. Furthermore, he will discuss the proposed dynamic groups and attribute-based access control model for smart cars ecosystem, which considers both system wide attributes-based security policies and individual user privacy preferences for allowing or denying service notifications, alerts and operations to on-board resources. In the end, Gupta will briefly discuss a proof of concept implementation in AWS IoT cloud platform

A recording of the live presentation will be available within 48 hours of the presentation at:

<https://www.caecommunity.org/content/cae-forum-resources>

Contact us at: caeforum@caecommunity.org