

THE CYBERSECURITY OF IP

SECURING COPYRIGHTED WORKS AND TRADE SECRETS

BY SETH JAMES NIELSON



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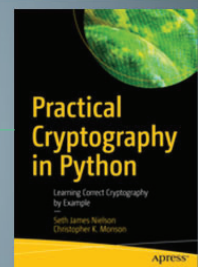
INTRODUCTIONS



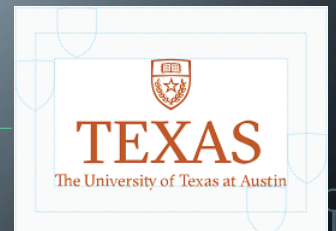
SOURCE CODE DISCOVERY
PARTNERSHIP



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**TWO WORLDS:
TECHNICAL**

Vulnerability
Analysis

Security
Architecture

Cryptography
Done Right



LITIGATION

Patent
Infringement

Copyright and
DMCA

Trade Secret
Matters

**WHAT ARE WE GOING TO DO TONIGHT
BRAIN?**



**THE SAME THING WE DO EVERY NIGHT,
PINKY, TRY TO TAKE OVER THE WORLD.**

**... TRY TO KEEP
BAD GUYS (TM)
FROM TAKING
OVER OUR IP
WORLD!!**

CYBERSECURITY IN GENERAL

“the prevention of damage to, unauthorized use of, exploitation of, and –if needed—the restoration of electronic information and communications systems, and the information they contain, in order to strengthen the confidentiality, integrity and availability of these systems.”

NIST, *Supplemental Information for the Interagency Report on Strategic U.S. Government Engagement in International Standardization to Achieve U.S. Objectives for Cybersecurity (2015)*, 41, emphasis added.

CYBERSECURITY AND INTELLECTUAL PROPERTY

- Security is all about context
- The IP context matters!
 - Impact/Value
 - Legal Requirements
 - Technical Challenges



CONTEXT: I can be used to protect bicycles... but probably not **documents**.

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