Do AppSec Better

My experience from OWASP SnowFROC

Who is this guy?

Jay Simmons	Senior AppSec Analyst @ Great American
Previous Roles	Developer IT Consultant Server Admin Support Analyst
Hobbies	Legos Homelab Administration IT Consulting
Family	Married for 10 years 7 year old daughter 3 year old son

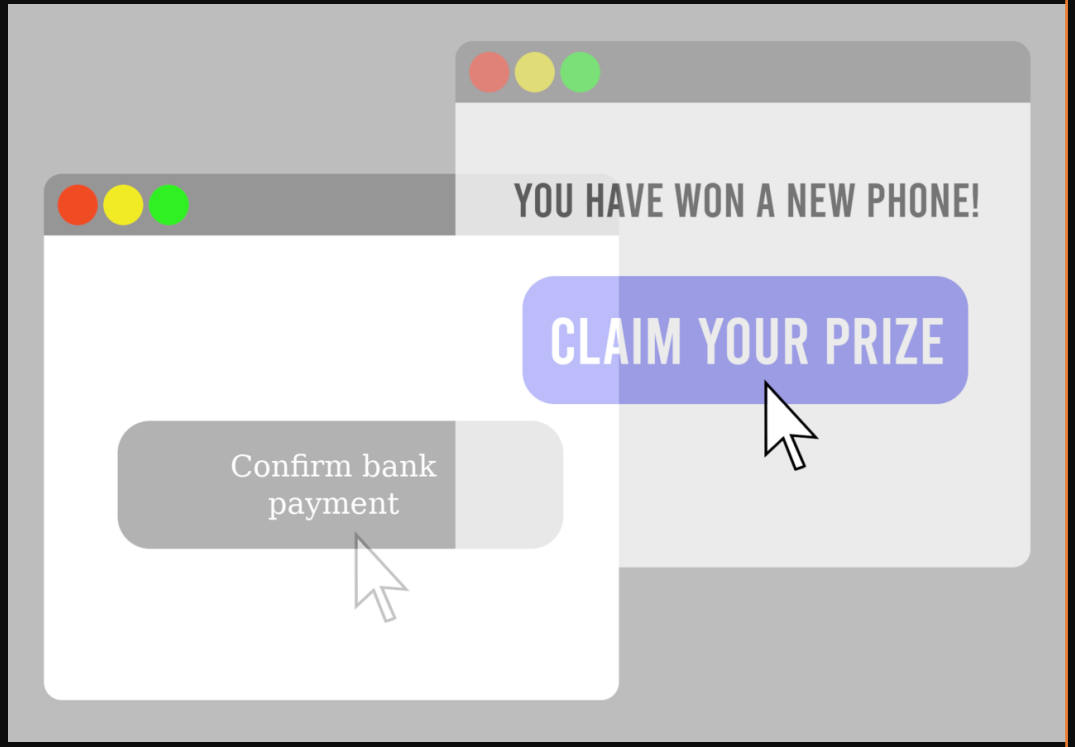
Let’s talk about clickjacking

What is it?

- User is presented with a false interface, where their input is applied to something they cannot see.

Brief History

- Exploit was discovered in 2002 but remained largely ignored (no name given)
- In 2008 clickjacking exploit discovered in flash player by Jeremiah Grossman & Robert Hansen. (name coined)



The Keynote

Kevin Johnson (Secure Ideas)

- Problems in AppSec
  - Heavily focused on identifying vulnerabilities
  - Largely motivated by fame
  - Incentivized based on findings not remediations
- Solutions
  - Understand business use
  - Create concise action plans
  - Assist in the remediation effort

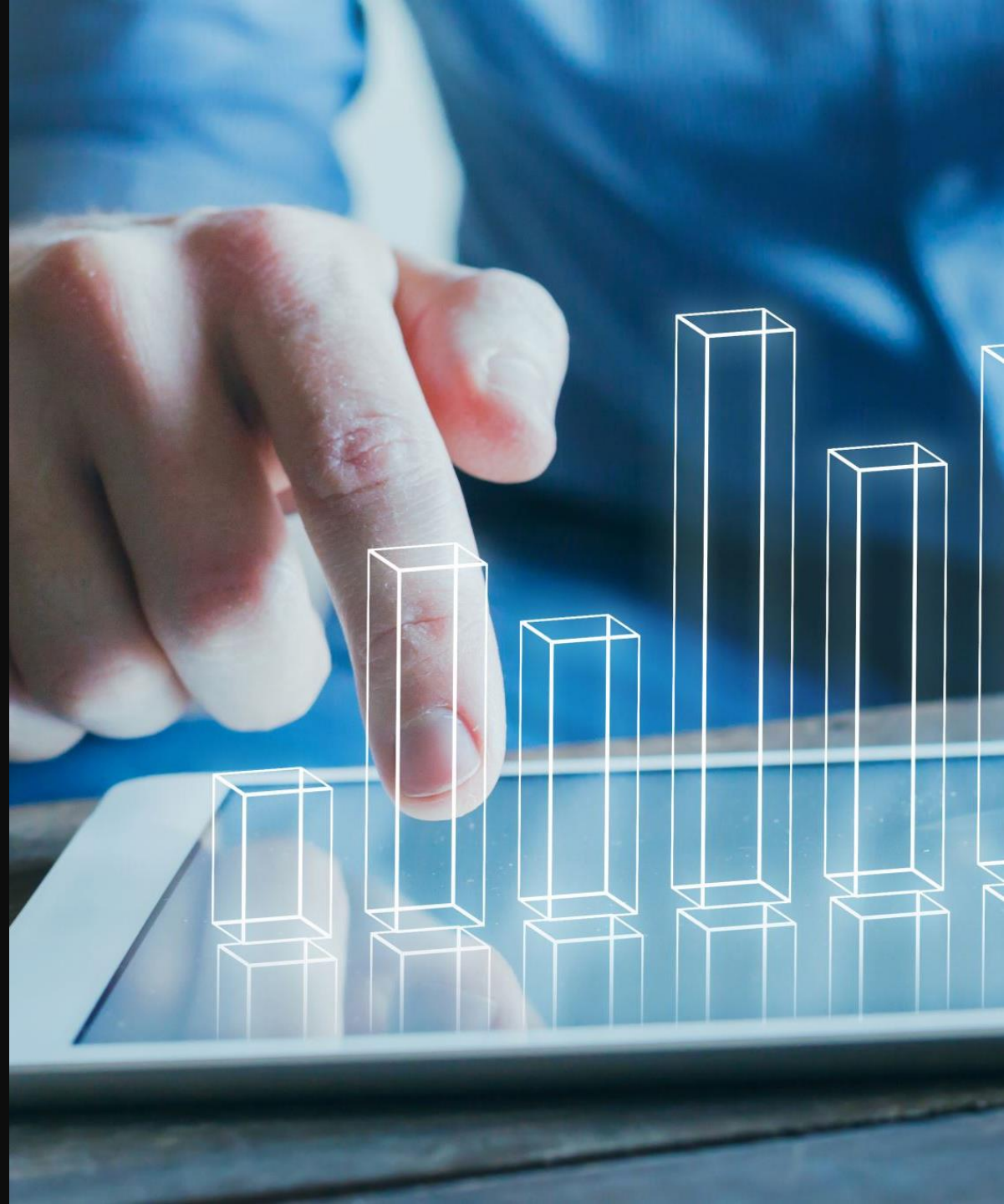
Risk Identification

Identify Risks

- Reputation
- Data Breach
- Contractual Obligations
- Industry Regulations

Categorize Risk

- Confidentiality
- Integrity
- Availability



Prioritize Your Work

Quantify Risk

- Will our business recover
- How much money will we lose
- Are we insured for this type risk

Identify Exposure

- How could this bad thing happen
  - Applications
  - Databases
  - Accounts
  - Networks

Identify The Problems

Inside out

- Perform AST Scans (SAST, SCA, DAST, etc)
- Spend time in the repos
- Talk to developers and QA teams

Outside in

- Perform penetration testing
- Spend time using the apps
- Talk to app users

Plan your remediation

Culture

- Does your team enable other teams or is it a wall?
- Is security part of the design phase?
- Do the developers understand the importance?

Training

- Can developers identify security issues?
- Are developers able to resolve the security issues?
- Do developers know what OWASP is?

Partnership

- Can we support the developers?
- Can we support the QA Team?
- Can we prioritize the remediation workload?

Other interesting things

- Automated Remediation
- SCA Exploitable Path
- Mobile AppSec
- SnowFROC 2023 Presentations https://www.snowfroc.com/#2023presentations