

# Stepping into Security

## How to Start as Security Researcher

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Security Researcher

# Requirement?

- Client-side Programming
- Server-side Programming
- Web Servers
- Databases
- Vulnerability Assessment
- Certifications

# Requirement ?

- Client-side
- Server
- 

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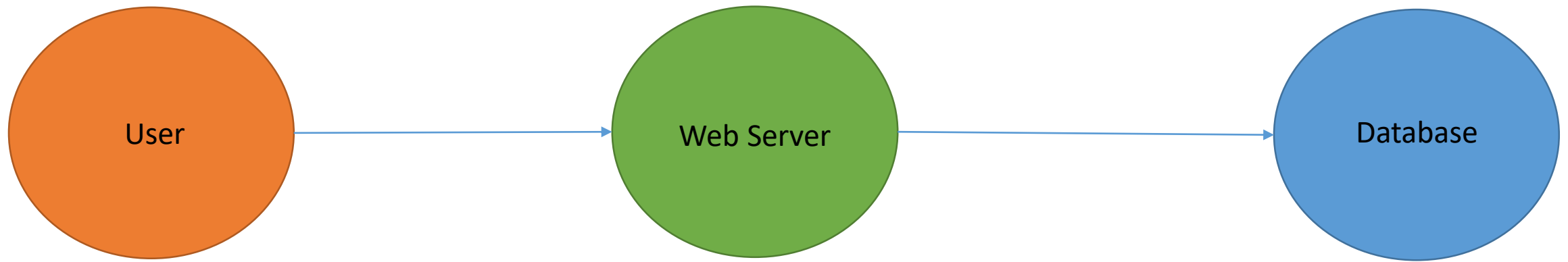


# So you want to be Security Analyst?

- A Computer
- Internet
- Tools
- Thirst for learning











# Methodology ...



# Found Vulnerability?

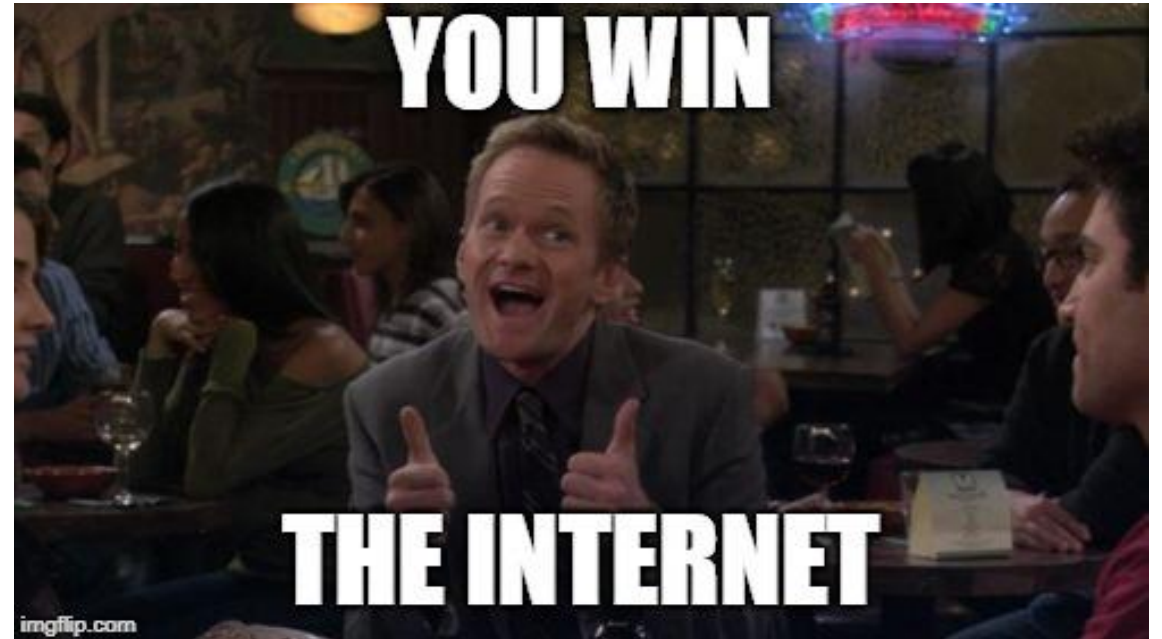


# Responsible Disclosure

Known vulnerabilities	Unknown vulnerabilities
 <p>Have been disclosed to the software vendor or security community</p>  <p>The NIST National Vulnerability Database (NVD) contains an updated list of known vulnerabilities</p>  <p>Each one has a Common Vulnerabilities and Exposures (CVE) number</p>  <p>Software with known vulnerabilities can be fixed immediately with patches</p>	 <p>Have not been disclosed to the software vendor or security community</p>  <p>It's impossible to know how many exist today</p>  <p>Unknown vulnerabilities are difficult to detect and, consequently, challenging to prevent</p>  <p>These vulnerabilities don't have existing fixes or software patches available</p>

# Reporting Unknown Vulnerabilities

1. Report to Software Vendor
2. Register CVE (If Software Vendor is not in the list)
3. Coordinate with fixation





Thank You