Wesley Liu

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**Tenaciously driven to improve upon my IT experience. My skills revolve around computer networking, penetration testing and creative problem solving. Able to apply customer service concepts to IT to improve upon user experience for clients, peers, and management.**

Core Proficiencies

***Kali Linux*** *|* ***Penetration Testing*** *|* ***SQL Database*** *|* ***Java*** *|* ***Python*** *|* ***Windows 0S***

Professional Experience

**Voting Solutions | Los Angeles County,** Los Angeles, CA Jan 2020 – March 2020

*IT Technician.*

* Administered and deployed state-of-the-art voting devices across Los Angeles County to create a quicker and reliable voting environment for voters.
* Initiated Chain of custody for all the county’s property and equipment to be properly stored back to where it came from.
* Delivered a collaborative approach to voting system design that will not only place voters at the center but maximized stakeholder participation as well.
* Coordinated with a variety of teams comprised of county clerks and election workers.
* Troubleshooting and configuring IPads, printers, and other electronic devices for voting ballots

Research Projects

**Brute Force Project Oct 2019**

* Launched a Kali Linux virtual machine capable of gaining backdoor access to a Metasploitable system.
* Devised a brute force password cracking utility such as hydra against the SSH.
* Gained root access to the Metasploitable via the UnrealIRC backdoor.

**Armitage Project Nov 2019**

* Initiated an exploitation of a windows server through the tools of Armitage
* Password hashes were dumped in order to gain access from the server.
* Administrators password was cracked via MS Remote Desktop.

**Mimikatz Project Dec 2019**

* Used a post-exploitation tool for the farming of credentials from a Windows system
* Mimikatz tool was used to escalate privilege and gain administrator access.
* Cracking hashes and logging with the user allowed to perform action as an escalated user.

Education | Credentials

* **Bachelor of Science in Computer Information Systems**

California State Polytechnic University | Pomona, CA