

## Jacob Daniel Lopez

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### EDUCATION

#### Western Governors University

BS in Cyber Security and Information Assurance from - Mar 2019

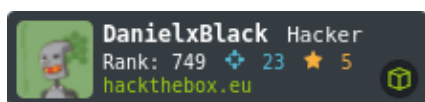
### CERTIFICATIONS

- CompTIA A+, Net+, Sec+, Project+
- Associate of (ISC)2 (SSCP)
- EC-Council ECIH, ECES,
- AXELOS ITIL Foundations v3
- eLearn Security EJPT

### ADDITIONAL SKILLS

Vulnerability management, shodan.io, OSINT, Network pivots with SSH, Python 3, AWS, Burp Suite, Fuzzing, Web App Security, Network Pentesting, Application Pentesting, AWS Pentesting., Nexpose, JavaScript, OWASP Top 10, APIs, Metasploit, Linux, PCI, Qualys API.

Speaker at BSides San Antonio 2017: Discovery with Shodan.



#### HackTheBox (Hacker Rank)

- Pwned 44 User
- Pwned 38 Root.

**Personal Site and Blog:** <https://danielxblack.github.io/>

**GitHub:** <https://github.com/DanielxBlack>

**LinkedIn:** <https://www.linkedin.com/in/daniel-black-b1217b15b/>

## Experience

### VULNERABILITY ANALYST AND PEN TESTER II, RACKSPACE - DEC 2021 - PRESENT

- Maintain internal vulnerability program for 234+ business units.
- Provide vulnerability remediation assistance to internal business units.
- Interact with Qualys API to develop Python scripts for updating assets and asset groups, reducing workload by two hours a week.
- Performed internal pentests to meet compliance needs.
- Planned and executed attack missions and hunt missions.

### APPLICATION PEN TESTER, SECURITY INNOVATION - APR 2021 - NOV 2021

- AWS pentesting – Scanning with ScoutSuite, vulnerability analysis, API Fuzzing, extensive use of Burp Suite to test AWS pre-prod environments.
- OWASP Top 10 and API Testing with Postman and Burp.
- Web Application pentesting - Verifying access controls, testing for XSS, fuzzing inputs, etc.
- Vulnerability Analysis for U.S. Courts.

### VULNERABILITY ANALYST AND PEN TESTER, RACKSPACE - JUN 2019 - APR 2021

- Maintain internal vulnerability program for multiple Rackspace business units.
- Provide vulnerability remediation assistance to internal business units.
- Perform penetration tests on internal systems to meet compliance needs.
- Maintain 6+ Linux servers.
- Interacted with Nexpose API using Python to support internal automation effort.

### JR DEFENSE ANALYST, DEFENSE POINT SECURITY - OCT 2018 - MAY 2019

- Crafted and tuned Splunk queries to enhance alerting and help identify issues..
- Perform triage on Enterprise Security (ES) alerts.
- Crafted and tuned Splunk queries to enhance alerting and identify issues and possible indicators of compromise across four customer environments.
- Investigations using Palo Alto firewall logs, ForeScout, and RSA NetWitness.

### PC TECH / SECURITY ANALYST, CITY OF BROWNSVILLE - JAN 2016 - OCT 2018

- Provide efficient technical support across 23 city departments.
- Maintained and supported ManageEngine AD Manager software.
- Deployed and maintained TitanFTP. Reduced likelihood of users going through unsupported means of file sharing (such as Dropbox), overall reducing data loss.
- Implemented Active Directory management software increasing AD management efficiency by 75-80 percent.

### PC TECH, CITY OF HARLINGEN - MARCH 2015 - JAN 2016

- Served as helpdesk support, assisting 20 city departments.
- Installed and configured computers and printers for users.
- Provide technical support IBM AS/400 system.
- Troubleshoot end-user desktop computer issues.



**EDITOR, WRITER, FREELANCER – JAN 2008 - MARCH 2015**

**VentureBeat**

- Covered major industry events such as the Electronic Entertainment Expo (E3) in Los Angeles and interviewed CEOs of major companies and tech startups: <https://venturebeat.com/author/jacob-lopez/>

**UBM - BYTE**

- Became go-to Apple news writer providing coverage for Apple press events, product launches, rumor analysis and general coverage of mobile business: [https://www.informationweek.com/author-bio.asp?author\\_id=714](https://www.informationweek.com/author-bio.asp?author_id=714)

