

# Nick Frichette

Penetration Tester

## Contact

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PGP:

5644 212A 807D 8CAA

## Community Projects

I developed two VulnHub VMs, Bulldog 1 and Bulldog 2 to teach others about common web application vulnerabilities and exploits. Both have been played by thousands and have numerous write ups online.

## Open Source

Contributes to the Streisand Project; An application to rapidly deploy VPNs to help people access the uncensored internet.



## Work Experience

### Penetration Tester

State Farm Insurance

2018 - Present

- Performing penetration tests on enterprise systems
- Discovering vulnerabilities in vendor software
- Assisting with Red Team assessments
- Educating other teams on Information Security
- Mentoring Penetration Testing/Speech Program Interns

### Security Software Developer

State Farm Insurance

2017 - 2018

- Developed automation for the Penetration Testing Team
- Implemented technologies used in Red Team operations
- Performed vulnerability research

### Information Security Intern

State Farm Insurance

2016 - 2017

- Designed and created systems to detect false positives in vulnerability scans
- Developed custom C2 applications
- Conducted password complexity research



## Education & Certifications

### BS Computer Science

Illinois State University  
Cumulative GPA: 3.54/4.00  
Major GPA: 3.66/4.00

2013 - 2017

### OSCP

Offensive Security Certified Professional

2018

### GPEN

GIAC Penetration Tester

2017 - 2021

## Awards and Accomplishments

### 2017 P0wn the Machine Winner

Was a first place winner of a yearly hacking competition at State Farm. Placed first out of over 60 professional Security Analysts. This year's goal was to exfiltrate data without triggering Data Loss Prevention systems.

### HackDay 2017 Winner

Was a winner of State Farm's 2017 Hackathon. I developed a prototype that could detect spear phishing emails using a Bayesian Classifier. This Machine Learning algorithm accurately detected phishing 87% of the time.

## Technologies

Experience building applications in JavaScript (Node, Angular), Python, PowerShell

Some experience with Docker, MongoDB, Java, C/C++, and Go