

# Nick Frichette

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## Education and Certifications

Illinois State University May 2017  
Bachelor of Science, **Computer Science**  
Cumulative GPA 3.54/4.00  
Major GPA 3.66/4.00

**OSCP** - Offensive Security Certified Professional July 2018  
**GPEN** - GIAC Penetration Tester November 2017 - November 2021

## Technical Skills

- Professional experience in Network and Web Application Penetration Testing
- Professional experience with Python, PowerShell, JavaScript, C/C++
- Exposure to MongoDB, Docker, Django, Node.js

## Professional Experience

**State Farm Insurance: Penetration Tester** February 2018 - Present

- Discovering previously unknown vulnerabilities in vendor software (Under NDA)
- Performing penetration tests on enterprise systems
- Educating other teams on Information Security

**State Farm Insurance: Security Analyst/Developer** June 2017 - February 2018

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

**State Farm Insurance: Systems Intern** May 2016 - June 2017

- Designed and created systems to detect false positive vulnerability scans
- Developed automation to save team member's time
- Created process documentation

## 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.

## Open Source and Community Projects

### GitHub:

Maintains and contributes to several open source projects (More on GitHub page)

### VulnHub:

Developed and submitted Bulldog 1 & 2, vulnerable (on purpose) VM's to teach about web application security. Accepted by VulnHub.