DANIEL LIMANOWSKI

Software, network, and cyber security engineer

📞 612-293-5363   🌐 b1tst0rm.net   in daniellimanowski   ⌗ b1tst0rm   📍 Remote work in U.S.A.

EXPERIENCE

Security Product Engineer
RangeForce

📅 September 2020 – Ongoing   📍 Remote

- Enable timely automation of on-demand cyber range building processes
- Engineer infrastructure to emulate non-malicious and malicious user actions in large scale networks
- Lead testing efforts for major product releases to include recruiting third party beta testers

Offensive Cyber Operator & Penetration Tester
PwC

📅 August 2019 – September 2020   📍 Minneapolis, MN

- Executed red/purple team, application security, and network penetration testing engagements
- Developed proprietary C2 infrastructure to bypass widely used industry security controls
- Assisted in recruiting by hosting Capture the Flag (CTF) events for local universities and the Women in Cybersecurity initiative

Security Analyst
Iowa State IT Security

📅 August 2018 – August 2019   📍 Ames, IA

- Installed, maintained, and reviewed a multi-node Security Onion instance monitoring the campus
- Detected on, investigated, and mitigated cyber attacks (phishing, ransomware/malware)

Penetration Testing Intern
PwC

📅 June 2018 - July 2018   📍 Minneapolis, MN

- Executed external/internal penetration tests for clients including proposal writing, footprinting, attacking, and reporting
- Expedited and automated tedious project tasks via scripting, user interfaces, and containerization with Docker

Staff Member & Information Warfare Lab Administrator
ISEAGE Research Lab

📅 September 2016 – May 2019   📍 Ames, IA

- Directed multiple Cyber Defense Competitions (CDCs) for high school and college students
- Led a multi-week penetration test engagement for a local school district

CAREER SUMMARY

Hands-on engineer concentrating heavily in offensive security. I enjoy being invested in the entire software product development pipeline, from writing code to making sales. I have the capability to disseminate business critical information to a non-technical audience regarding technical subjects.

EDUCATION

Bachelor of Science degree (B.S.) in Computer Engineering **(3.71/4.00)**
Iowa State University (Ames, IA)

📅 August 2015 – May 2019

Offensive Security Certified Professional (OSCP)
Offensive Security, 24 hour technical exam

📅 Fall 2019

Offensive Security Certified Expert (OSCE)
Offensive Security, 48 hour technical exam

📅 Spring 2020

PROJECT: RELATRACE

- **From 2018-2021 worked closely alongside an Iowa public safety agency** to develop training, equipment, and policy management cloud software (Software as a Service, or SaaS)

- **Created Relatrace, LLC** and began marketing the software to agencies across the world

- **Support the software in my free time** to include developing new features and ensuring application uptime, security, and availability, while reducing my workload by automating deployment and maintenance tasks

- Developed secure (also intentionally vulnerable) web and desktop applications
- Created attack lab for a graduate-level information assurance class

Security Engineer Intern
ProCircular

📅 May 2017 - February 2018   📍 Iowa City, IA

- Automated application vulnerability assessment and penetration test reporting using Dradis Pro and Word VBA Macros
- Assembled and ran an external Capture the Flag (CTF) event for over 100 security professionals at a meetup in Des Moines, IA
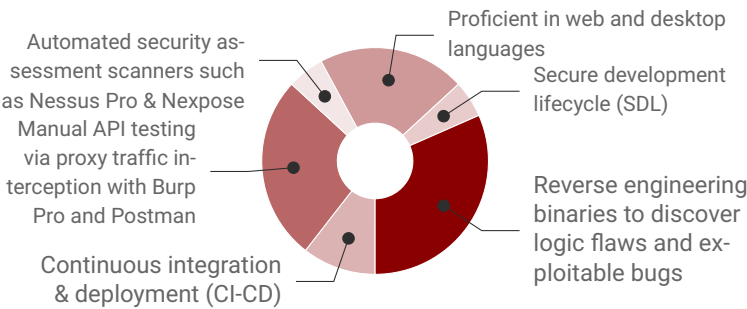
Governance, Risk, and Compliance Intern
Caterpillar, Inc.

📅 May 2016 – August 2016   📍 Peoria, IL

- Played a key role in creation of new cybersecurity policy by executing a benchmark survey with similar companies and communicating with team members throughout enterprise security to make documentation updates

APPLICATION DEVELOPMENT AND SECURITY SKILLS

Automated security assessment scanners such as Nessus Pro & Nexpose

Manual API testing via proxy traffic interception with Burp Pro and Postman

Continuous integration & deployment (CI-CD)

Proficient in web and desktop languages

Secure development lifecycle (SDL)

Reverse engineering binaries to discover logic flaws and exploitable bugs

ACCOMPLISHMENTS

Speaker, vehicle (CAN) hacking
BSIDES Iowa

📅 Spring 2019   📍 Des Moines, IA

3rd place nationally
Dept. of Energy Cyber Defense Competition

📅 Spring 2018   📍 Argonne National Laboratory, Chicago, IL

1st Place, CTF winner
US Cyber Challenge

📅 Summer 2018   📍 Washington, DC

Finalist
National Cyber Analyst Challenge

📅 Spring 2018   📍 Philadelphia, PA

President and cabinet
Information Assurance Student Group

GENERAL SKILLS

Linux/UNIX server administration

Virtualization and cloud | VMWare ESXI

AWS | Digital Ocean | Azure | Citrix

Cobalt Strike and red team infrastructure

Packet capture and analysis

Port/service scanning with Nmap

802.11 and GSM wireless security

PROGRAMMING PROFICIENCY

Python (incl. Django) ●●●●●
C/C++ applications ●●●●○
Golang (Go) ●●●●○
C#, .NET, and Powershell ●●●○○
React and Javascript ●●○○○

📅 2016 - 2019   📍 Ames, IA

Team captain
ISEAGE Cyber Defense Competitions (CDC)

📅 2015 - 2017   📍 Ames, IA

• Awarded 1st place in the Spring '16 and Fall '16 CDCs, 3rd place in '17 Nationals CDC

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Updated: January 2021