



Intro to Pentesting and NetSPI U





FOUNDED IN 2001

HEADQUARTERED IN MINNEAPOLIS WITH OFFICES IN LEHI (UT), PORTLAND (OR), AND PUNE (INDIA)

APPROXIMATELY 550 EMPLOYEES (AND CONTINUING TO GROW!)

PRIMARY CLIENTS: FINANCIAL SERVICES, HEALTHCARE, TECHNOLOGY, RETAIL

INTERNATIONAL PRESENCE

Recent Comments



Elizabeth Williams

30 minutes ago

Hi Jane - A critical vulnerability was published to your project. Please review the findings page for remediation recommendations.



32/65

Final vs Remediated



Start Date:
October 5



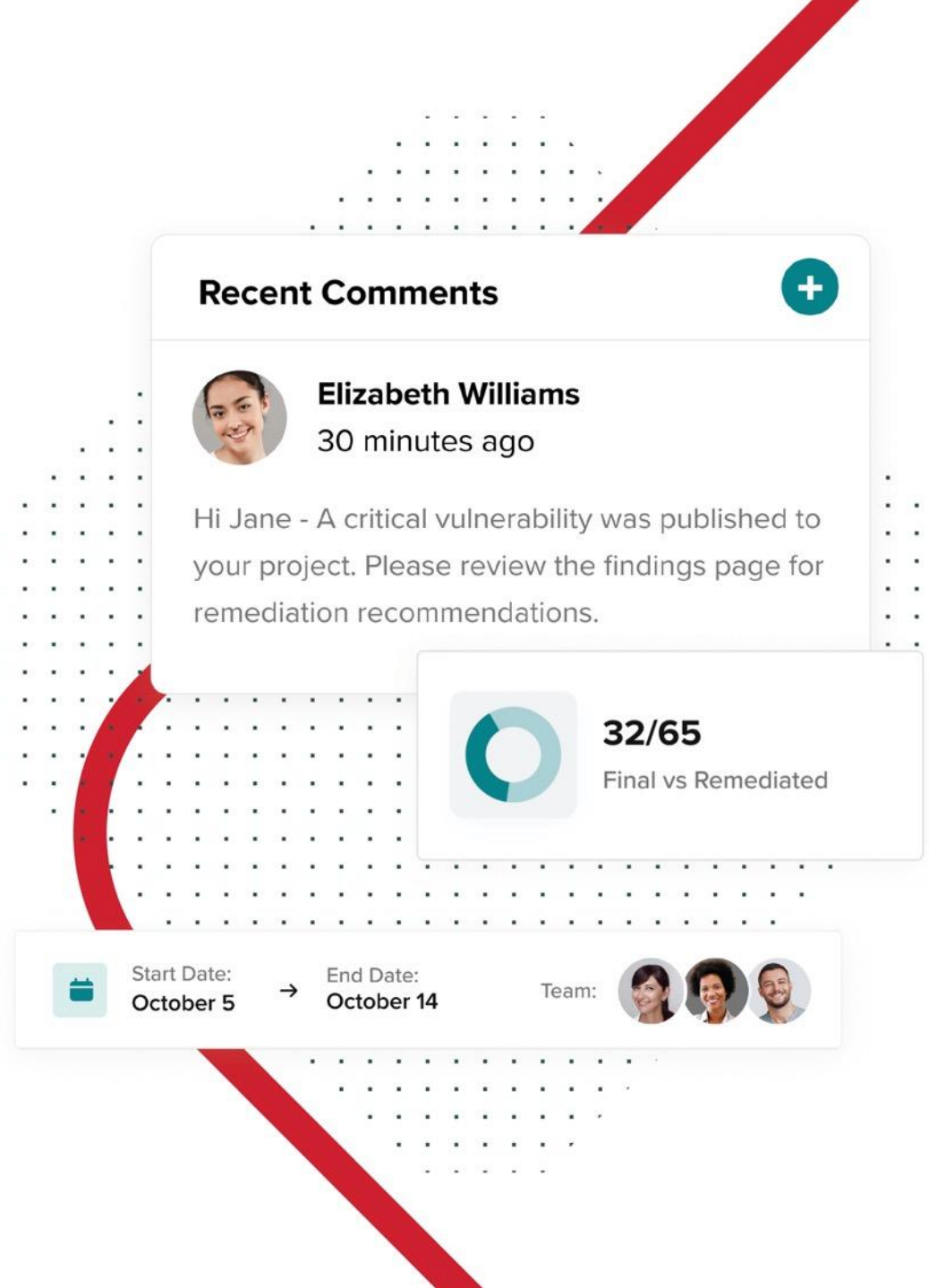
End Date:
October 14


Team:




WHAT IS PENETRATION TESTING?


AND WHY DO COMPANIES DO IT?







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Our definition:

“The process of evaluating systems, applications and protocols with the intent of identifying vulnerabilities from the perspective of an unprivileged or anonymous user to determine the real world impact of an attack...”

“...legally and under contract”

ALSO KNOWN AS...

“GETTING PAID TO BREAK INTO SOMEONE’S COMPUTERS BEFORE A BAD PERSON DOES.”

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Why do companies Pentest?

- **COMPLIANCE REQUIREMENTS**
- **IDENTITY UNKNOWN SECURITY GAPS**
- **PRIORITIZE EXISTING SECURITY INITIATIVES**
- **PREVENT DATA BREACHES**
- **VALIDATE EXISTING CONTROLS**



WHAT GOES INTO PENTESTING?

- **NON-TECHNICAL**
- **BASIC TECHNICAL**
- **OFFENSIVE & DEFENSIVE KNOWLEDGE**
- **TOOLS**



Pentesting as a Career | Common Paths

Internal Paths

- Help Desk
- IT Support
- IT Admin
- Security Analyst
- Senior Security Analyst
- Internal Consultant
- CISO

Security Consulting Paths

- Associate Consultant
- Consultant
- Consultant II
- Senior Consultant
- Principal Consultant
- Managing Consultant
- Director
- Senior Director

Pentesting as a career | How to start

- ◆ Read and learn!
 - ◆ Text Resources:
 - Web Application Hacker’s Handbook
 - OWASP.org
 - ◆ Practical Resources:
 - Hack the Box (hackthebox.eu)
 - Google Gruyere
- ◆ Tap into the community
- ◆ Research and development
 - ◆ Contribute to/Create open source projects
 - ◆ Present research at conferences
- ◆ Training and certifications
 - ◆ Community: DC612, OWASP, Conferences
 - ◆ Professional (\$): SANS, OffSec, CISSP
- ◆ Bug bounties
- ◆ Internships



WHY BE A PENTESTER?

- ◆ It's fun 😊
- ◆ Every day is different
- ◆ Competitive compensation
- ◆ Job security
- ◆ Important work



WHY NETSPI?



NetSPI Gives

We partner with the University of Minnesota Masonic Children's Hospital to make an impact in the community.



Flexible Time Off

Our people are encouraged to take the time they need for rest, family and all the things they love.



Comprehensive Benefits

We provide medical, dental, vision, and life/disability insurance, 401(k) and HSA programs with company matches, paid parking, and internet/phone reimbursement.



Development Opportunities

We encourage our team to regularly receive training to supplement their skillset — and many of our employees also speak at conferences to share their own knowledge.



Friendly & Fun Work Environment

Join a game of pinball or foosball, or a lively discussion about bitcoin or philosophy while enjoying our fully stocked kitchen, Friday lunches, and kegerator.

★ StarTribune
**TOP
WORK
PLACES**
2021

"NetSPI wouldn't be what it is today without its employees and the culture of innovation that we've built. Even during a turbulent 2020, we had an employee retention rate of 92% which alone speaks volumes in an industry that has zero percent unemployment. I thank each and every member of our team for helping to make NetSPI a Top Workplace."

— Aaron Shilts, NetSPI President and CEO

Work hard

- Test clients both locally and nationally
- Collaborative and supportive environment
- Work and research within the security community

Play hard

- In the office - pinball, Friday lunches, video games
- Out of the office – dinners, company events, etc.

Team environment

- Small company = close knit and tons of fun
- Expertise in many different areas
- Constantly bouncing new ideas around

WHY NETSPI U?



Getting started in cybersecurity? Looking for a career change? NetSPI University (NetSPI U) is a full-time, paid training program that focuses on penetration testing.

Start your cybersecurity career with NetSPI, the leader in enterprise pentesting and attack surface management.

During the six-month training program, you will gain a baseline skillset to execute web application and external network pentests - setting a foundation for growth in the penetration testing industry.

NetSPI U features classroom-based learning, hands-on labs, and opportunities to shadow/mirror some of the most brilliant minds in cybersecurity. You will also have the ability to contribute to new and innovative tools, techniques, and methodologies.



NetSPI U was an incredible experience that both gave me the best possible foundation for pentesting and introduced me to an amazing work culture.

NetSPI U gave me the knowledge and tools to succeed in my career.



NETSPI U FAQs

VISIT

www.netspi.com/careers

QUESTIONS?

Reach out to jobs@netspi.com

Who leads NetSPI U?

Learn from some of the best in penetration testing including:

- Aaron Yaeger, VP, Technical Enablement
- Jake Karnes, Managing Consultant
- Melissa Miller, Managing Consultant

What is the format of the class?

NetSPI U is an extension of the classroom. The training program combines classroom-based training with hands-on lab work and shadowing/mirroring opportunities with NetSPI's senior consultants.

Is NetSPI U a paid opportunity?

Yes, NetSPI U offers competitive pay and benefits.

I went through NetSPI U. Now what?

After six months in NetSPI U, you will be reviewed in a lab environment and considered for a promotion to a client-facing security consultant at NetSPI.

What do we look for in candidates?

- A passion for security
- Involvement in extra curricular activities outside of school
- The ability to creatively solve technical problems
- Ambassadors of NetSPI's values



Collaborate

- ✓ Build relationships; share knowledge.
- ✓ Celebrate wins and learn from losses.
- ✓ Foster an environment of trust and accountability.



Innovate

- ✓ Create the status quo.
- ✓ Think big and embrace change.
- ✓ Lead through education and mentorship.



Deliver

- ✓ Produce consistent and high-quality results.
- ✓ Cultivate honest partnerships.
- ✓ Serve with excellence.

QUESTIONS?

Life is short.
Work somewhere
awesome.



JOBS@NETSPI.COM