Joey Holtzman

An entry-level penetration tester and software engineer committed to protecting people and businesses from cyber threats. Acquired expertise from taking on multiple projects in many different programming languages and competing in cybersecurity competitions.

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SKILLS

Penetration Testing

Python

C++

Kubernetes

Git

Linux

AWARDS & CERTIFICATIONS

GIAC Foundational Cybersecurity Technologies

SANS Institute - 2023

McCormick Engineering Excellence Award in Deep Learning

Northwestern - 2023

AP Scholar with Distinction

Collegeboard - 2023

PERSONAL PROJECTS

A list of projects can be found on my website.

EXPERIENCE

Applied Cyber Member

Stanford Applied Cyber | September 2023 - Present

- Learning effective penetration testing and cyber defense strategies
- Collegiate Cyber Defense Competition (CCDC) Team
- Currently studying OSCP course material

Data Science Intern

Northwestern Center for Deep Learning | June 2022 - September 2023

- My research focused on the DELOS project
- Created functionality to test Deep Learning models in abnormal conditions
- Responsible for increasing reliability in the system through writing automated tests

EDUCATION

Stanford University

Class of 2027 | GPA 4.06

- Pursuing a Bachelor of Science in Computer Science
- Relevant Coursework:
  - Programming Abstractions
  - Computer Organization & Systems

Plainfield North High School, Plainfield, IL

Graduation Date - May 2023

- Weighted GPA - 5.68
- Ranked in the top 6% of my class
- Scored in the 99th percentile on both the SAT and ACT