

AI Security Intern - Summer 2026

POSITION INFORMATION

Employer	
Division	N/A
Posting Expiration Date	December 23, 2025
Position Type	Internship
Job Function	Computer & Information Technology, Engineering, Information Services & Library, Statistics, Actuary, & Data Management
Position Title	AI Security Intern - Summer 2026
Set Salary Amount	0
Hourly Rate	0.00
Tipped Rate	0.00
Monetary Stipend Amount	0
Location	Pittsburgh, Pennsylvania United States
How many candidates do you expect to hire for this position?	0

Description

What We Do: The SEI helps advance software engineering principles and practices and serves as a national resource in software engineering, computer security, and process improvement. The SEI works closely with defense and government organizations, industry, and academia to continually improve software-intensive systems. Our core purpose is to help organizations improve software engineering capabilities and develop or acquire the right software, defect free, within budget and on time, every time.



Position Summary

The Threat Analysis Directorate is a group of security experts focused on advancing the state of the art in security at a national and global scale. The AI Security Research intern will contribute to a variety of core functions including:

- AI Assurance
- AI Digital Forensics and Incident Response
- Red teaming of AI systems

Requirements:

- Enrolled in a degree granting program.
Willingness to travel to various locations to support the SEI's overall mission.
- This includes within the SEI and [REDACTED] community.
You will be subject to a background check and must be eligible to work in the United States without Visa sponsorship.
- Able to work an internship during the summer
- Able to work onsite to the SEI Pittsburgh office

Knowledge, Skills and Abilities:

- Ability to critically think and problem solve
- Solid understanding of AI/ML including Generative AI
- Basic proficiency with a programming language (preferably Python)
Familiarity with common AI/ML software packages and tools (e.g. PyTorch, TensorFlow, ART)
- Ability to collaborate internally and externally with professional engineers and researchers
- Willingness to learn new technologies with cross-functional teams

Desired Experience:

- Experience with programming languages (preferably Python)
- Experience with training AI/ML models
- Experience with adversarial machine learning techniques
- Experience with red-teaming cyber and/or AI systems
- Basic understanding of cybersecurity concepts
- Experience with clearly documenting and communicating findings

Job Function Breakdown:

- AI Security Research and Development: 80%
- Documentation of Results: 20%

Total = 100%

This position is based in Pittsburgh and is 5 days on-site.

Carnegie Mellon University is an Equal Opportunity Employer/Disability/Veteran.

Location

Pittsburgh, PA

Job Function

[REDACTED]

Position Type

Intern (Fixed Term)

Full time/Part time

Full time

Pay Basis

Hourly

More Information:

Please visit [REDACTED]
[REDACTED] to learn more about becoming part of an institution

- inspiring innovations that change the world.

Click here [REDACTED] view a listing

- of employee benefits

- [REDACTED]

Statement of Assurance ([REDACTED])

- [REDACTED]

Always focused on the future, the Software Engineering Institute (SEI) advances software as a strategic advantage for national security. We lead research and direct transition of software engineering, cybersecurity, and artificial intelligence technologies at the intersection of academia, industry, and government. We serve the nation as a federally funded research and development center (FFRDC) sponsored by the U.S. Department of Defense (DoD) and are based at Carnegie Mellon University, a global research university annually rated among the best for its programs in computer science and engineering.

Our people apply special knowledge and skills and are part of an elite research university. We perform research and apply our expertise every day to foresee problems and exploit opportunities in software engineering, AI engineering, and cybersecurity. Quality software that is secure will control the future. At [REDACTED] SEI, we are engineering that ever-greater software-fueled future.

Need Help?

For technical assistance, [REDACTED].

If you are an individual with a disability and you require assistance with the job application process, please contact Equal Opportunity Services by emailing [REDACTED] or calling 412-268-3930.

**Minimum Academic
Credit Hours Completed** 0

Resume Receipt Method other

How to Apply <https://de.jobsyn.org/2afbc4e093f047499d9d9a1b6df2c0da5082>

Remote/On-Site On-site

▼ IMPORTANT DATES

Posted On:

Dec 02, 2025