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JOB TITLE:

AI Security Engineer Intern

Company: Avaly.ai
Industry: AI Security, Cybersecurity
Job Type: Full-time Internship (Remote)
Start Date: Rolling Applications – Apply Soon

About Avaly.ai

Avaly.ai is pioneering the future of cybersecurity in the AI-first world. Our mission is to protect individuals, organizations, and AI agents from emerging security risks. Founded by experts in AI and cybersecurity, we deliver trusted, resilient protection through advanced algorithms, holistic risk frameworks, and ethical AI design. Our goal is to ensure that organizations can confidently deploy AI securely and responsibly.

Our Culture

We're looking for passionate interns who think beyond the classroom—trailblazers who've explored open-source tools, contributed to GitHub projects, published academic or technical research, or built something unique on their own. Whether it's a personal AI project, a hackathon win, or an innovative class assignment, we value hands-on curiosity and initiative.

Why Join Avaly.ai?

At Avaly.ai, you'll have the opportunity to work alongside top experts in AI and cybersecurity, gaining hands-on experience through real-world projects that matter. You'll be immersed in the most current industry practices in AI security, working with cutting-edge tools and technologies that go far beyond what's typically covered in the classroom. This internship is designed to help you build a strong, practical portfolio that will set you apart and prepare you for your next big opportunity. You'll also have direct access to leadership and mentors who are deeply invested in your growth, and contribute to projects aligned with the latest real-world threats, frameworks, and AI security standards.

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Key Responsibilities:

- Assist in the setup and maintenance of Avaly.ai's infrastructure, ensuring smooth operations and robust security of AI systems.
- Support the deployment and configuration of tools for AI monitoring, threat detection, and incident response.
- Collaborate with the technical team to document system architecture, infrastructure diagrams, and operational procedures.
- Monitor AI systems and infrastructures, reporting anomalies or issues to senior engineers.
- Help implement security controls, manage updates, and perform routine checks to ensure compliance with best practices.
- Contribute to maintaining data pipeline integrity, supporting data privacy, and protection frameworks.
- Provide support in configuring and managing infrastructure components such as cloud environments, containerization technologies, and CI/CD pipelines.

Required Qualifications:

- Currently pursuing or recently completed a Bachelor's or Master's degree in Computer Science, Information Technology, Cybersecurity, Computer Engineering, or related fields.
- Basic knowledge of cloud platforms such as AWS, Azure, or Google Cloud.
- Familiarity with Linux environments and basic scripting skills (e.g., Bash, Python).
- Understanding of fundamental cybersecurity principles, networking, and system administration.
- Strong analytical and problem-solving skills.
- Ability to clearly document technical processes and system configurations.
- Excellent verbal and written communication skills.
- Ability to work collaboratively in a team environment.

Nice-to-Have Qualifications:

- Experience or coursework in AI/ML systems, particularly LLMs or other deep learning technologies.
- Familiarity with containerization tools (Docker, Kubernetes).
- Exposure to Infrastructure as Code (IaC) tools like Terraform or CloudFormation.
- Understanding of DevOps practices and CI/CD tools (e.g., GitHub Actions, GitLab CI/CD, Jenkins).
- Knowledge of cybersecurity frameworks or standards such as MITRE ATT&CK, NIST Cybersecurity Framework, ISO 27001.

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Ready to shape the future of AI Security?

To apply, please include the job title you're applying for in the subject line of your email and attach your resume.

We also encourage you to include a short cover letter or personal note that highlights why you're passionate about securing intelligent systems and what makes you a strong candidate for the role. If available, feel free to share your GitHub profile, LinkedIn, or links to relevant projects. We're excited to hear from you!

✉ **Send an email to careers@avaly.ai**