Joshua Ho

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Hiring Team
Redwood Assurance Group
Austin, TX

Dear Hiring Team at Redwood Assurance Group,

I am applying for the Staff Security Engineer – Red Team (AI) role at Redwood Assurance Group. I have 8+ years of offensive security experience and 5+ years leading **Red Team, Purple Team, and adversary emulation operations** across enterprise identity, endpoints, networks, cloud, SaaS, and AI environments. The chance to run **AI-focused adversary operations** that improve detection and response is a strong fit for the work I do.

My recent work has focused on testing **LLM applications and agents**, including prompt handling, context management, tool use, data exposure, and safety controls. I have used PyTorch, TensorFlow, Hugging Face, and LangChain to support AI security testing and automate parts of operation planning and evidence review. This work gives me a practical view of how AI systems behave and where defenders need better telemetry.

I build repeatable emulations with **MITRE Caldera** and map activity to **MITRE ATT&CK** and MITRE ATLAS. My operator experience includes Cobalt Strike, Sliver, Metasploit, Empire, BloodHound, C2, payload delivery, privilege escalation, lateral movement, persistence, and operational security. I have run authorized exercises in **AWS and Azure**, then worked with Detection Engineering, Threat Intelligence, and Risk Management to tune detections and response playbooks.

I hold OSCP, CRTO, and CISSP certifications and a Bachelor of Science in Cybersecurity. I would welcome the opportunity to bring practical AI Red Team experience and clear reporting to Redwood Assurance Group.

Thank you for your time and consideration. I look forward to discussing how I can support your Red Team.

Sincerely,

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