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Network Security Detection Engineer

Denver, CO

+ 3 more

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Meta's Network Security team is seeking an experienced engineer to help secure the infrastructure that connects over a billion users. You will be responsible for building, implementing and operationally supporting network security efforts throughout our network. We are looking for a candidate with a passion for security and innovation, who will research and develop new solutions to help protect our infrastructure and our users.

This candidate should thrive on finding security issues and eradicating them as well as a desire to make life hard for the bad guys. With focuses that range from large scale DDoS, detection, security tool development, defense against internal and external attacks there are great opportunities to push your skills further while having a significant impact.

Network Security Detection Engineer Responsibilities

- Iterate network security posture to better protect against attacks and detect new vectors
- Lead network efforts to mitigate and investigate security incidents
- Develop automation and utilize frameworks to scale both protection and mitigation tools



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- Keep Meta safe through active operation and defense of critical network infrastructure

Minimum Qualifications

- 5+ years of experience in offensive/defensive security or systems engineering
- 3+ years of development experience in at least one programming language (Python, Go, etc.) with experience applying that to security tool development, automation, and overall programmatic solutions that will be used to defend infrastructure
- Knowledge of network protocols (TCP/IP, computer networking, routing and switching) and Unix based systems
- Experience researching, building, and implementing defensive security systems that are used against internal and external attack vectors
- Experience designing and building out application and network security monitoring to aid in detection or forensic investigations
- Bachelor's degree in Computer Science, Computer Engineering, relevant technical field, or equivalent practical experience

Preferred Qualifications

- Background in intrusion detection, security investigations, and incident response
- Understanding of MITRE ATT&CK Framework and associated threat actor techniques
- Experience investigating network-based data for anomalies in order to identify suspicious behavior
- Experience “threat hunting”, i.e. using threat intel to proactively and iteratively investigate these potential risks and finding suspicious behavior in the network



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About Meta

Meta builds technologies that help people connect, find communities, and grow businesses. When Facebook launched in 2004, it changed the way people connect. Apps like Messenger, Instagram and WhatsApp further empowered billions around the world. Now, Meta is moving beyond 2D screens toward immersive experiences like augmented and virtual reality to help build the next evolution in social technology. People who choose to build their careers by building with us at Meta help shape a future that will take us beyond what digital connection makes possible today—beyond the constraints of screens, the limits of distance, and even the rules of physics.

Meta is committed to providing reasonable support (called accommodations) in our recruiting processes for candidates with disabilities, long term conditions, mental health conditions or sincerely held religious beliefs, or who are neurodivergent or require pregnancy-related support. If you need support, please reach out to accommodations-ext@fb.com.

(Colorado only*) Estimated salary of \$177,000/year + bonus + equity + benefits

*Note: Disclosure as required by sb19-085(8-5-20)

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