**Staff Engineer, PlayStation Platform Security Engineer**

Are you someone who is passionate about bleeding edge technology? Do you enjoy designing and developing software used by 10’s of millions of passionate technology loyalists around the world? Do you want your work to influence the most successful gaming platform of all time? Do you want a career opportunity that combines both your passion and skills as a software engineer? Then you need to come and play with us here at Sony PlayStation!

Sony Computer Entertainment of America, PlayStation has a rare and very exciting career opportunity. We seek a staff security engineer to spearhead security initiatives across our current and future PlayStation platforms. PlayStation is currently the bestselling entertainment and gaming console in the world. As such you will join an elite security team focused on Sw/Hw secure coding initiatives, designs, code reviews, penetration testing and system hardening efforts. If this is you, please apply!

**Principle Duties / Responsibilities:**

* Conduct design reviews and identify priority lists for code reviews
* Review platform and application security measures and provide feedback and solutions on fixes
* Provide assessments on privacy, security risks, security maturity, security controls and gaps
* Conduct security code reviews and document the results
* Work with other engineers on addressing the found risks and issues

**Required Knowledge / Skills:**

* Knowledge and experience with secure coding and safe computing practices and code development
* Knowledge of development of product security features, such as obfuscation, key-hiding, etc.
* Ability to analyze and stress-test software and conduct security design reviews
* Knowledge of requirements for cyber security procedures, including documentation
* Knowledge of penetration testing, vulnerability scanning, static & dynamic source code analysis tools and techniques
* Familiarity with performing product security assessments and security audits
* Familiarity with Application Security Threat models
* Familiarity with server side and network security issues and measures
* Familiarity with various cryptographic algorithms and libraries

**Required Experience / Education:**

* Seven or more years of experience in finding software exploits and security holes
* Seven or more years of experience in secure coding and code analysis
* Solid knowledge of operating system designs, access and priority models
* Bachelors of Science in Computer Science or equivalent

**Preferred Experience / Education:**

* Certified Information Systems Security Professional (CISSP) credential
* 10 years of experience in finding software and hardware exploits and vulnerabilities
* Masters of Science in Computer Science