Astrid Flores

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Cyber security specialist with more than eight years' experience developing software for the health care industry that protects patient privacy. Proven record of evaluating system vulnerability and recommending innovative solutions to improve security and efficiency. Able to design, implement and troubleshoot network infrastructure and security with superior capacity to work in a fast-paced environment and manage multiple projects from conception to implementation.

Professional Experience

IT Security Specialist

Oak Health Systems, Dallas, TX | February 2016 - Present

- Manage design, installation, operational planning and risk remediation activities for more than 12 hospital clients, ensuring all systems installed according to schedule
- Conduct risk assessments for clients and provide recommendations regarding infrastructure and network security enhancements
- Perform ethical hacking, malware reverse engineering and penetration testing to evaluate system vulnerabilities and develop defenses
- Present reports to upper management and clients regarding risks, vulnerabilities and improvement recommendations

Assistant Cyber Security Specialist

Apple Healthcare, Austin, TX | July 2012 - January 2016

- Developed hospital software that complied with HIPAA Cyber Security Framework
- Coordinated with IT team to implement software solutions, test for vulnerability and report security issues and solutions to management team
- Provided technical manuals and training guides to ensure doctors, nurses and administrative staff could use software, ensuring a high level of user compliant

Education

Bachelor of Arts in Computer Science

Harvard University, Cambridge, MA | September 2006 - June 2010

Master of Science in Computer Science

University of Texas at Austin, Austin, TX | September 2010 - June 2012

Certifications

- Certified Information Security Manager, ISACA, 2018
- HealthCare Information Security and Privacy Practitioner, ISC2 2017

Key Skills

- System architecture design
- Vulnerability evaluation
- Risk management
- Project management
- System troubleshooting