



Chart Your Career

As you progress in your career, expect American Sentinel to be there with the education you need for the future you want.

Job Title	Recommended Degree	Recommended Certification		
		Beginner	Intermediate	Advanced
Help Desk Support Analyst <i>(Customer/Software Support)</i> - Responds to inquiries and requests for assistance with the organization's computer systems of PCs.	BS in Information Systems	A+ Network+ Linux+	MCSA2003	MCSE2003
PC Specialist <i>(Junior Network Administrator, Assistant Systems Administrator)</i> - Manages an organization's PCs, including client and server computers, laptops and handhelds.	BS in Information Systems	A+ Network+ Linux+	MCSA2003	MCSE2003
Database Administrator <i>(Database Developer, Database Analyst)</i> Manages critical information; including storing data, organizing data, securing and preserving data and providing access to data.	BS in Information Systems or Management Information Systems	Security+		MCDBA
Systems Analyst <i>(Junior Systems Engineer, Junior Network Engineer)</i> Involved in the creation of hybrid software, web and hardware products from initial specifications to rollout and maintenance.	BS in Information Systems	A+ Network+ Linux+ Security+ CCNA	MCAD.NET MCSA2003	MCDBA MCSD.NET MCSE2003
Network/Systems Administrator <i>(IT Management)</i> - Manages an organization's PCs and LAN network.	BS in Information Systems or Management Information Systems	A+ Network+ Linux+ Security+ CCNA	MCSA2003	MCSE2003
Web Developer <i>(Web Programmer/Designer, Software Developer)</i> Creates programs that run predominantly on the web.	BS in Computer Science or Information Systems		MCAD.NET	MCSD.NET
Programmer <i>(Application/Software Developer)</i> - Creates programs that run either on the web, or a particular operating system, or on a dedicated device.	BS in Computer Science or Information Systems ADVANCED POSITION – MS in Computer Science		MCAD.NET	MCDBA MCSD.NET
Network Engineer <i>(Senior Systems Administrator, Network Analyst, Network Designer)</i> - Designs and manages an organizations LAN and WAN networks.	BS in Computer Science or Information Systems	A+ Network+ Linux+ Security+	MCSA2003	MCSE2003
Software Engineer <i>(Lead Application Developer, Software Architect, Senior Systems Analyst)</i> - Oversees the creation of software products from initial specifications to final rollout and maintenance.	BS in Computer Science or Management Information Systems ADVANCED POSITION – MS in Computer Science or Information Systems		MCAD.NET IT Project+	MCDBA MCSD.NET
Systems Engineer <i>(Lead Systems Analyst)</i> - Oversees the creation of hybrid software, web and hardware products from initial specifications to final rollout and maintenance.	BS in Computer Science or Management Information Systems ADVANCED POSITION – MS in Computer Science or Information Systems	Security+ Linux+	MCAD.NET IT Project+	MCDBA MCSD.NET MCSE2003
Computer Scientist Designs computers and software; develops information technologies; and develops and adapts principles for applying computers to new uses.	BS in Computer Science ADVANCED POSITION – MS in Computer Science		MCAD	MCSD
Project Manager Responsible for the coordination and completion of projects. Oversees all aspects of projects. Sets deadlines, assigns responsibilities, and monitors and summarizes progress of project.	BS in Business Administration, Information Systems or Management Information Systems ADVANCED POSITION – MBA		IT Project+	PMP