

Information Security Analysts (15-1122)

Occupation description: Plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. May ensure appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure. May respond to computer security breaches and viruses. Excludes Computer Network Architects (15-1143).

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	64	68	6.3	1	3	4
United States	100,000	128,500	28.5	2,000	5,600	10,450

Job outlook

Alaska: Alaska's employment growth is low with low employment opportunities. [Read more.](#)

Wages ?

Wage data is not available.

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
70	16	22.9	50.9	33.3

2016 Potential Supply

Qualified but working in another occupation	15
Currently employed in a lower paid occupation	4
UI claimants previously working in occupation	1

2016 ALEXsys Employment Data

Number of registrants	45
Number of job position postings	11
Ratio of registrants to job position postings	4.1

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: Bachelor's degree

Work experience: Less than 5 years

On-the-job training: None

Training Resources

	Degree
Alaska Computer Business Solutions LLC (Anchorage)	
CompTIA Network+	
CompTIA Security+	
	Degree
Central Texas College, Fort Richardson/Elmendorf AFB (Fort Richardson)	
Information Technology	AAS
	Degree
Charter College, Anchorage (Anchorage)	
Computer Networking Systems	AAS
	Degree
Embry-Riddle Aeronautical University (JBER)	
Aviation Cybersecurity Management and Policy	Certificate
Cybersecurity Management & Policy	BS
Information Assurance	Certificate
	Degree
Thomas Edison State University (Eielson AFB)	
Computer Science	BA
	Degree
University of Alaska Anchorage (Anchorage)	
Cisco Certified Network Associate	OEC
Computer & Networking Technology	AAS
Computer & Networking Technology	CT1
Computer & Networking Technology	CT2
Computer Science	BA
Computer Science	BS
Technical Support	OEC
Telecom Elect & Computer Tech	AAS
	Degree
University of Alaska Anchorage, Mat-Su (Palmer)	
Cisco Certified Network Associate	OEC
Computer & Networking Technology	AAS

Telecom Elect & Computer Tech	AAS
Telecommunication & Electronic System	CT2
Degree	
University of Alaska Fairbanks (Fairbanks)	
Computer Science	BS
Computer Science	MS
Information Technology Specialist	AAS
Degree	
University of Alaska Fairbanks, Bristol Bay (Dillingham)	
Information Technology Specialist	AAS
Information Technology Specialist	CT2
Degree	
University of Alaska Fairbanks, Chukchi (Kotzebue)	
Information Technology Specialist	AAS
Information Technology Specialist	CT2
Degree	
University of Alaska Fairbanks, CTC (Fairbanks)	
Information Technology Specialist	AAS
Information Technology Specialist	CT2
Degree	
University of Alaska Fairbanks, Kuskokwim (Bethel)	
Information Technology Specialist	AAS
Information Technology Specialist	CT2
Degree	
University of Alaska Fairbanks, Northwest (Nome)	
Information Technology Specialist	AAS
Information Technology Specialist	CT2
Degree	
University of Alaska Fairbanks, Rural College (Fairbanks)	
Information Technology Specialist	AAS
Information Technology Specialist	CT2
Degree	
University of Alaska Southeast, Juneau (Juneau)	
Network and System Administration	OEC

Network Technician	OEC
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Degree

University of Alaska Southeast, Ketchikan (Ketchikan)

Network and System Administration	OEC
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Network Technician	OEC
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Networking Essentials	OEC
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Degree

University of Alaska Southeast, Sitka (Sitka)

Network and System Administration	OEC
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Network Technician	OEC
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Degree

Wayland Baptist University (Anchorage)

Cyber Security	BAS
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Degree

WinCertification (Red Devil)

Cisco: Cisco Certified Entry Networking Tech	
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CompTIA: Network+ Technician	
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CompTIA: Security+ Technician	
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Juniper Router JNCIA	
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