

Computer Systems Analysts (15-1121)

Occupation description: Analyze science, engineering, business, and other data processing problems to implement and improve computer systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations. May analyze or recommend commercially available software.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	568	608	7.0	11	26	41
United States	600,500	654,900	9.1	11,500	28,000	44,940

Job outlook

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

2018 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	45.01	26.14	33.04	42.66	54.55	68.38
Alaska	33.84	16.89	19.22	33.21	44.34	52.47
Anchorage/Mat-Su Area	36.98	19.63	26.34	36.88	45.65	54.84
Fairbanks North Star Borough	38.58	28.31	31.80	35.98	43.23	51.27

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
594	99	16.7	48.2	34.7

2016 Potential Supply

Qualified but working in another occupation	101
Currently employed in a lower paid occupation	41
UI claimants previously working in occupation	29

2016 ALEXsys Employment Data

Number of registrants	153
Number of job position postings	24
Ratio of registrants to job position postings	6.4

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

Education: Bachelor's degree

Work experience: None

On-the-job training: None

Training Resources

	Degree
Alaska Computer Business Solutions LLC (Anchorage)	
CompTIA Network+	
	Degree
Central Texas College, Fort Richardson/Elmendorf AFB (Fort Richardson)	
Information Technology	AAS
	Degree
Charter College, Anchorage (Anchorage)	
Computer Networking Systems	AAS
	Degree
Iisagvik College (Barrow)	
COMP TIA Network+ Certification	Certificate
	Degree
University of Alaska Anchorage (Anchorage)	
Cisco Certified Network Associate	OEC
Computer & Networking Technology	AAS
Computer & Networking Technology	CT1
Computer & Networking Technology	CT2
Telecom Elect & Computer Tech	AAS
	Degree
University of Alaska Anchorage, Kodiak (Kodiak)	
Computer Systems Technology	AAS
	Degree
University of Alaska Anchorage, Mat-Su (Palmer)	
Cisco Certified Network Associate	OEC
Computer & Networking Technology	AAS
Computer Systems Technology	AAS
Telecom Elect & Computer Tech	AAS

Telecommunication & Electronic System	CT2
---------------------------------------	-----

Degree

University of Alaska Fairbanks (Fairbanks)

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 Technician	OEC
--------------------	-----

Degree

University of Alaska Southeast, Ketchikan (Ketchikan)

Network Technician	OEC
Networking Essentials	OEC

Degree

University of Alaska Southeast, Sitka (Sitka)

Network Technician	OEC
--------------------	-----

Degree

WinCertification (Red Devil)

Cisco: Cisco Certified Entry Networking Tech	
--	--

CompTIA: Network+ Technician	
------------------------------	--

CompTIA: Security+ Technician	
-------------------------------	--

Microsoft Windows Server	
--------------------------	--

Department of Labor and Workforce Development, Research and Analysis Section
P.O. Box 115501
Juneau, Alaska 99811-5501
Phone: 907.465.4500, Fax: 907.523.9654
June 17, 2019