

Software Developers, Applications (15-1132)

Occupation description: Develop, create, and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions. Design software or customize software for client use with the aim of optimizing operational efficiency. May analyze and design databases within an application area, working individually or coordinating database development as part of a team. May supervise computer programmers.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	183	191	4.4	3	9	13
United States	831,300	1,086,600	30.7	13,100	47,100	85,740

Job outlook

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

2018 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	51.96	29.64	38.14	49.82	62.72	77.54
Alaska	50.47	31.92	38.58	47.13	66.71	76.32
Anchorage/Mat-Su Area	52.53	31.14	38.51	49.29	70.34	77.84
Fairbanks North Star Borough	45.06	32.48	36.80	43.37	48.97	68.94
Balance of State	46.71	35.62	41.70	46.40	51.11	60.51

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
204	27	13.2	43.4	31.7

2016 Potential Supply

Qualified but working in another occupation	36
Currently employed in a lower paid occupation	27
UI claimants previously working in occupation	9

2016 ALEXsys Employment Data

Number of registrants	82
Number of job position postings	8
Ratio of registrants to job position postings	10.2

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
Central Texas College, Fort Richardson/Elmendorf AFB (Fort Richardson)	
Information Technology	AAS
	Degree
Thomas Edison State University (Eielson AFB)	
Computer Science	BA
	Degree
University of Alaska Anchorage (Anchorage)	
Computer Science	BA
Computer Science	BS
	Degree
University of Alaska Anchorage, Kenai (Soldotna)	
Technical Support	OEC
	Degree
University of Alaska Anchorage, Kodiak (Kodiak)	
Technical Support	OEC
	Degree
University of Alaska Anchorage, Mat-Su (Palmer)	
Technical Support	OEC
	Degree
University of Alaska Fairbanks (Fairbanks)	
Computer Engineering	BS
Computer Science	BS
Computer Science	MS
Information Technology Specialist	AAS
Software Engineering	MSE
	Degree
University of Alaska Fairbanks, Bristol Bay (Dillingham)	

Information Technology Specialist	AAS
Information Technology Specialist	CT2
University of Alaska Fairbanks, Chukchi (Kotzebue)	
Information Technology Specialist	AAS
Information Technology Specialist	CT2
University of Alaska Fairbanks, CTC (Fairbanks)	
Information Technology Specialist	AAS
Information Technology Specialist	CT2
University of Alaska Fairbanks, Kuskokwim (Bethel)	
Information Technology Specialist	AAS
Information Technology Specialist	CT2
University of Alaska Fairbanks, Northwest (Nome)	
Information Technology Specialist	AAS
Information Technology Specialist	CT2
University of Alaska Fairbanks, Rural College (Fairbanks)	
Information Technology Specialist	AAS
Information Technology Specialist	CT2