

Computer Programmers (15-1131)

Occupation description: Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	567	564	-0.5	10	25	35
United States	294,900	273,600	-7.2	5,000	12,700	15,570

Job outlook

Alaska: Alaska's employment growth is low with moderate 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
624	58	9.3	48.3	37.2

2016 Potential Supply

Qualified but working in another occupation	63
Currently employed in a lower paid occupation	27
UI claimants previously working in occupation	14

2016 ALEXsys Employment Data

Number of registrants	133
Number of job position postings	24
Ratio of registrants to job position postings	5.5

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)

Visio Level 1

Degree

Charter College, Anchorage (Anchorage)

Computer Information Systems

BS

Degree

Embry-Riddle Aeronautical University (JBER)

Management Information Systems

MS

Degree

Thomas Edison State University (Eielson AFB)

Computer Science

BA

Degree

University of Alaska Anchorage (Anchorage)

Business Computer Information Systems

AAS

Computer Science

BA

Computer Science

BS

Management Information Systems

BBA

Degree

University of Alaska Anchorage, Kenai (Soldotna)

Technical Support

OEC

Degree

University of Alaska Anchorage, Kodiak (Kodiak)

Computer Systems Technology

AAS

Technical Support

OEC

Degree

University of Alaska Anchorage, Mat-Su (Palmer)

Computer Systems Technology

AAS

Technical Support

OEC

Degree

University of Alaska Fairbanks (Fairbanks)

Computer Science	BS
Computer Science	MS

Degree

University of Alaska Southeast, Sitka (Sitka)

Business Information Systems Support	AAS
Business Information Systems Support	CT2

Degree

Vocational Training and Resource Center (Juneau)

Computer Graphic Artist	
Introduction to Adobe Photoshop	
Introduction to Visio Professional	

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