

Labor Market Snapshot: Skill Report



Who are we?

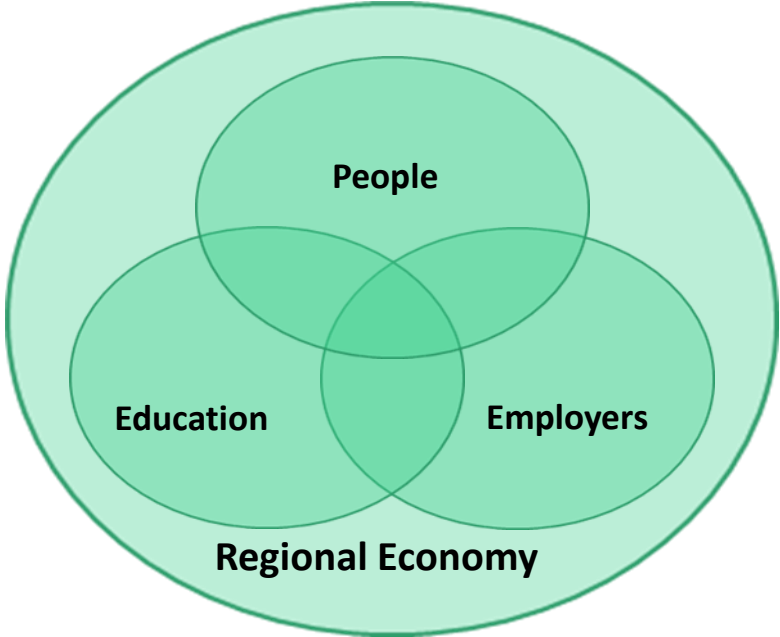
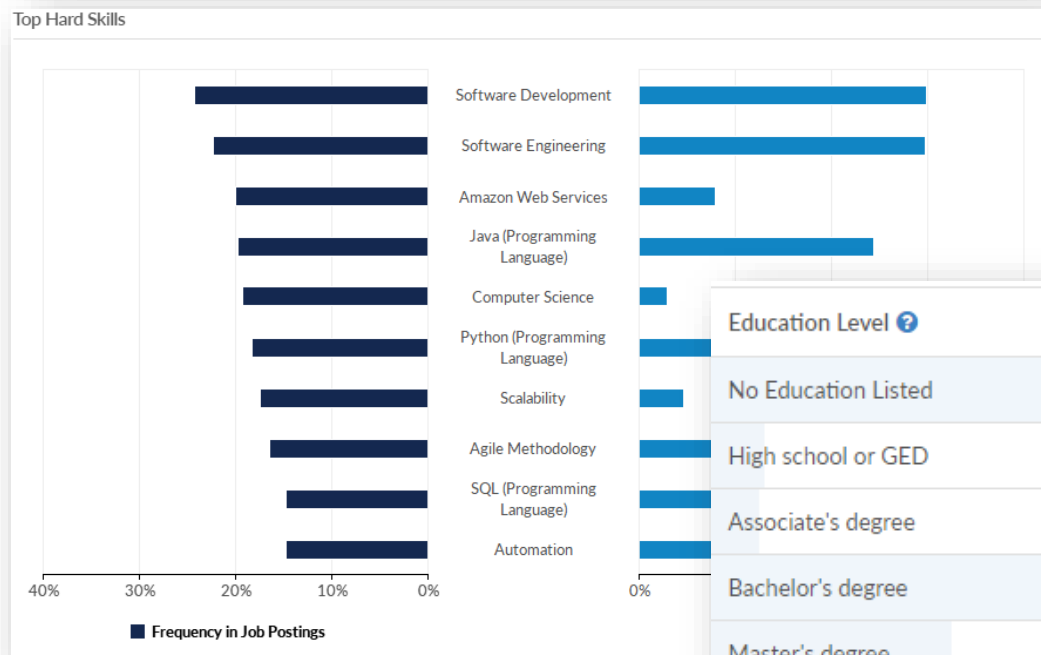
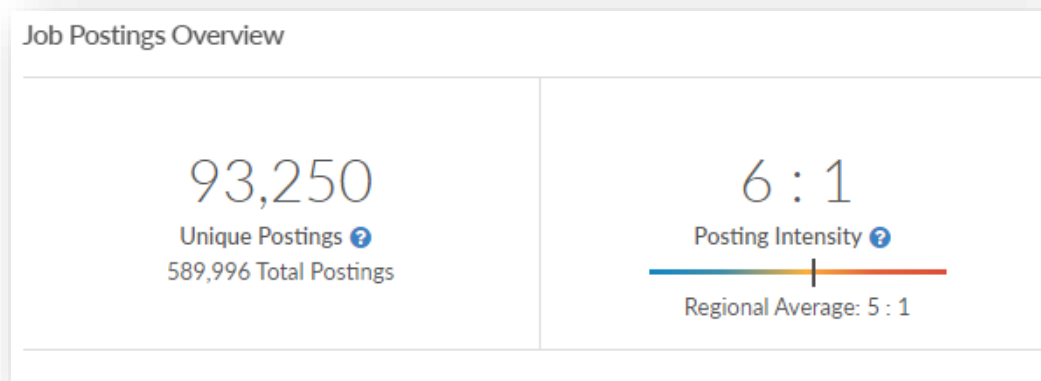


Fig. 1. The Palouse Hills outside Moscow, ID from:
Hannah Grieser, Aperturity
<https://www.instagram.com/hannahgrieser/?hl=en>

Top Job Titles

- Software Development Engineers
- Software Engineers
- .NET Software Engineers
- Technical Program Managers
- Software Development Managers
- Business Intelligence Engineers
- Front End Engineers
- Applied Scientists
- Systems Engineers
- Data Scientists



Education Level ⓘ

Education Level	Unique Postings	% of Total
No Education Listed	41,901	45%
High school or GED	3,089	3%
Associate's degree	2,829	3%
Bachelor's degree	43,497	47%
Master's degree	14,156	15%
Ph.D. or professional degree	5,816	6%

Parameters

- Job Postings Analysis of Washington
 - SOC 15-1200 (Computer Occupations)
 - Preferred education level: \leq 2-year degree level
 - In-demand skills and application to broader market
 - Timeframes
 - December 2020
 - February 2021
 - April 2021
 - Flashback: December 2019
 - Company skills postings (quarterly)
 - Hot Skills (last 6 months)

Top Skills (December 2020)

In-Demand Skills (\leq 2-year degree)

Technical Support
Computer Science
Operating Systems
Automation
Help Desk Support
SQL
Agile Methodology
Information Systems
Active Directory
Auditing

Overlapping Skills (broader labor market):

Computer Science
Automation
SQL
Agile Methodology

Top Skills (February 2021)

In-Demand Skills (\leq 2-year degree)

Technical Support
Operating Systems
Computer Science
Automation
SQL
Help Desk Support
Information Systems
Agile Methodology
Active Directory
Java

Overlapping Skills (broader labor market):

Computer Science
Automation
SQL
Agile Methodology
Java

Top Skills (April 2021)

In-Demand Skills (≤ 2-year degree)

Technical Support
Operating Systems
Computer Science
Automation
SQL
Information Systems
Help Desk Support
Agile Methodology
Amazon Web Services
Auditing

Overlapping Skills (broader labor market):

Amazon Web Services
Computer Science
Agile Methodology
Automation
SQL

Top Skills (December 2019)

In-Demand Skills (\leq 2-year degree)

Technical Support
Operating Systems
Computer Science
Help Desk Support
Information Systems
Automation
SQL
Workstations
Local Area Networks
Agile Methodology

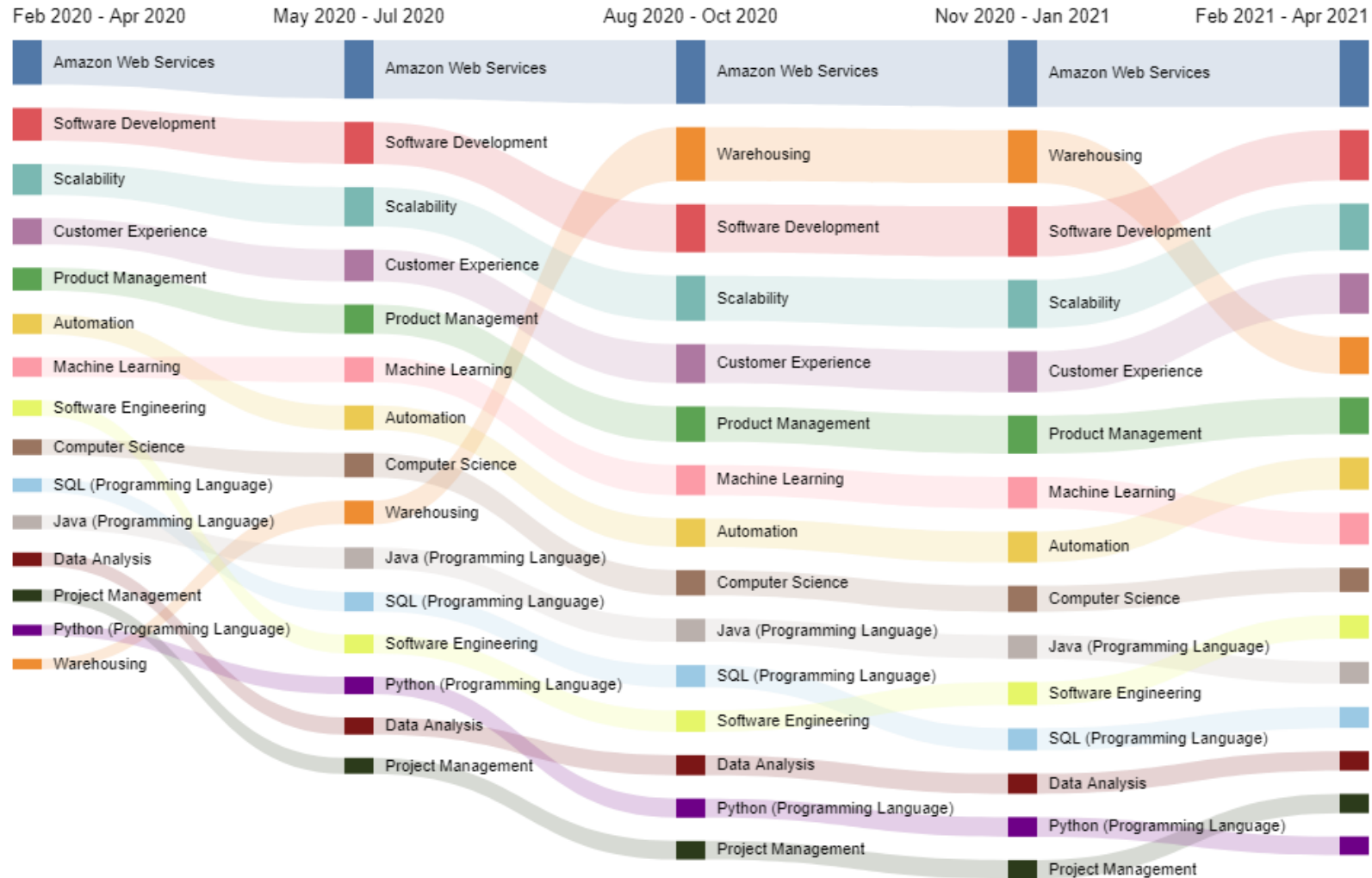
Overlapping Skills (broader labor market):

Computer Science
SQL
Agile Methodology

What are employers asking for?

Top 15 Skills for All Job Types Sought by Your Selected Companies by Quarter

Skills help us understand not only where a company is trying to go, but how they intend to get there.



Hot and Top Skills (last 6 months)

Hot Skills	Percent increase	Top Skills	Volume
Amazon Web Services	+50%	Technical Support	884
Microsoft Azure	+46%	Operating Systems	708
Business Requirements	+42%	Computer Science	643
Authorization (Computing)	+39%	Automation	553
Data Analysis	+35%	SQL	508
JavaScript	+35%	Help Desk Support	471
Project Management	+34%	Information Systems	395
SQL	+33%	Agile Methodology	384
Software Development	+31%	Active Directory	381
Information Systems	+28%	Auditing	369

Questions/Learn More

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