

TECHNOLOGY

Technology: Science or knowledge put into practical use to solve problems or invent useful tools.



Industry Occupational Clusters

Salary represents starting point at identified level



Data

| Job Title | Salary Range | Level |
|----------------|--------------|--------|
| Data Analyst | \$ 60k-100k | Entry |
| Data Scientist | \$ 112k-170k | Senior |



Hardware

| | | |
|-------------------|--------------|------------|
| Hardware Engineer | \$ 110k-137k | Mid-career |
|-------------------|--------------|------------|



Information Technology

| | | |
|----------------------------------|--------------|------------|
| IT Support / Network Technician | \$ 56k-98k | Entry |
| Network Administrator | \$ 102k-123k | Mid-career |
| Security Analyst (cybersecurity) | \$ 109k-138k | Mid-career |
| DevOps Engineer | \$ 118k-138k | Mid-career |



Software

| | | |
|-----------------------------|--------------|------------|
| Front-end Developer | \$ 66k-90k | Entry |
| Full Stack Engineer | \$ 113k-134k | Mid-career |
| Software Engineer/Developer | \$ 118k-146k | Mid-career |
| AI Engineer | \$ 108k-175k | Senior |



Testing

| | | |
|-----------------------|------------|-------|
| Software Tester / SQA | \$ 40k-70k | Entry |
|-----------------------|------------|-------|



Management

| | | |
|-----------------|--------------|------------|
| Project Manager | \$ 112k-138k | Mid-career |
| Program Manager | \$ 132k-221k | Mid-career |
| Product Manager | \$ 123k-149k | Mid-career |

“We don’t just need A.I., we need E.I. (emotional intelligence).”

– Frank F., employer

Career Advisor Corner

Portfolios and coding samples give credibility and substance to your job candidacy.

Don’t just focus on large, highly visible tech companies. Expand your list of target companies to include small and mid-sized employers.

Tech jobs are part of every industry. Consider a job in healthcare, education, government, or the nonprofit sector.

Stay competitive by continually updating and upgrading your skills and knowledge. *Carve out time in your life for learning.*

TECHNOLOGY IN SILICON VALLEY

Top Regional Companies by Size

Local Mid-sized Companies (50-250 employees)

| Company | Location | Employees | Annual Sales |
|----------------------------------|--------------|-----------|--------------|
| Ariba | Palo Alto | 105 | \$ 204.3M |
| Bill.com | Palo Alto | 140 | \$ 129.4M |
| CheckPoint Software Technologies | San Carlos | 120 | \$ 250.3M |
| CrowdStrike Holdings | Sunnyvale | 120 | \$ 874.4M |
| Kana Software | Santa Clara | 100 | \$ 116.6M |
| Planful | Redwood City | 120 | \$ 58.5M |

Local Small Businesses (10-50 employees)

| Company | Location | Employees | Annual Sales |
|---------------------------|---------------|-----------|--------------|
| Agiloft | Redwood City | 46 | \$ 11.9M |
| Alienvault | San Mateo | 12 | \$ 53.2M |
| Informatica International | Redwood City | 50 | \$ 34.0M |
| Inktomi | Sunnyvale | 25 | \$ 107.9M |
| Paypal Global Holdings | Mountain View | 50 | \$ 12.4M |
| Secure Computing | Santa Clara | 40 | \$ 65.9M |

Source: Econvue; 2021

Methodology: Companies were filtered by size (employee count), then sorted by "financial stress index" (low) and annual sales (high). The top six companies in each size category have been listed alphabetically.

Networking Groups / Meetups

Meetup

<https://www.meetup.com/>

Bay Area Python Interest Group (BAYPIGGIES)

<https://baypiggies.net/>

Silicon Valley Software Quality Association (SVSQA)

<https://www.meetup.com/ssqa-sv/>

Coding Practice

Leet Code

<https://leetcode.com/>

Pramp

<https://www.pramp.com/#/>

Hacker Rank

<https://www.hackerrank.com/>

CodeChef

<https://www.codechef.com/>

Technical Interview Questions

CareerCup

<https://www.careercup.com/>

Stack Overflow

<https://stackoverflow.com/>

Coding Challenges

CodeWars

<https://www.codewars.com/>

CodinGame

<https://www.codingame.com/start>

Coding Hosting Site

GitHub

<https://github.com/>

Education & Training

Training Areas

| | |
|------------------|--------------------------------------|
| Cybersecurity | Project & Program Management |
| Data Analytics | Software Development |
| DevOps | Software Testing / Automated Testing |
| Embedded Systems | Web Development |
| IT Support | |
| Network Support | |

Industry Certifications

A+
Network+
Security+
AWS
CAPM / PMP

