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

"We don’t just need A.I., we need E.I. (emotional intelligence)." — Frank F., employer

Industry Occupational Clusters

### Data
- Data Analyst: $63k–105k Entry
- Data Scientist: $118k–175k Senior

### Hardware
- Hardware Engineer: $116k–140k Mid-career

### Information Technology
- IT / Network Support: $49k–72k Entry
- Network Administrator: $107k–132k Mid-career
- Security Analyst (cybersecurity): $90k–133k Mid-career
- DevOps Engineer: $125k–151k Mid-career

### Software
- Front-end Developer: $68k–94k Entry
- Full Stack Engineer: $111k–166k Mid-career
- Software Engineer/Developer: $123k–151k Mid-career
- AI Engineer: $112k–182k Senior

### Testing
- Software Tester / SQA: $41k–75k Entry

### Management
- Project Manager: $158k–234k Mid-career
- Program Manager: $134k–234k Mid-career
- Product Manager: $97k–156k Mid-career

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

Regional Companies by Size

Local Midsized Companies (50–250 employees)

<table>
<thead>
<tr>
<th>Company</th>
<th>Location</th>
<th>Employees</th>
<th>Annual Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aha Labs</td>
<td>Menlo Park</td>
<td>100</td>
<td>$5.7M</td>
</tr>
<tr>
<td>Alsera</td>
<td>Palo Alto</td>
<td>127</td>
<td>$6.7M</td>
</tr>
<tr>
<td>Freshworks</td>
<td>San Mateo</td>
<td>122</td>
<td>$498.0M</td>
</tr>
<tr>
<td>Rubrik</td>
<td>Palo Alto</td>
<td>246</td>
<td>$179.0M</td>
</tr>
<tr>
<td>Plus</td>
<td>Santa Clara</td>
<td>100</td>
<td>$12.3M</td>
</tr>
<tr>
<td>Sentinelone</td>
<td>Mountain View</td>
<td>121</td>
<td>$422.2M</td>
</tr>
<tr>
<td>Simpplr</td>
<td>Redwood City</td>
<td>130</td>
<td>$12.1M</td>
</tr>
</tbody>
</table>

Local Small Companies (10–50 employees)

<table>
<thead>
<tr>
<th>Company</th>
<th>Location</th>
<th>Employees</th>
<th>Annual Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>Efinix</td>
<td>Cupertino</td>
<td>31</td>
<td>$10.3M</td>
</tr>
<tr>
<td>Jfrog</td>
<td>Sunnyvale</td>
<td>11</td>
<td>$280.0M</td>
</tr>
<tr>
<td>Moveworks</td>
<td>Mountain View</td>
<td>28</td>
<td>$14.2M</td>
</tr>
<tr>
<td>Quora</td>
<td>Mountain View</td>
<td>50</td>
<td>$14.1M</td>
</tr>
<tr>
<td>Selector</td>
<td>Santa Clara</td>
<td>20</td>
<td>$1.2M</td>
</tr>
<tr>
<td>UpGuard</td>
<td>Mountain View</td>
<td>30</td>
<td>$9.9M</td>
</tr>
<tr>
<td>Ushur</td>
<td>Santa Clara</td>
<td>46</td>
<td>$11.5M</td>
</tr>
</tbody>
</table>

Source: Econovue; 2023

Methodology: Companies were filtered by growing companies with a low “financial stress index” within the NOVAworks Consortium.

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

- LeetCode
  https://leetcode.com/
- Pramp
  https://www.pramp.com/#/
- HackerRank
  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
- Data Analytics
- DevOps
- Embedded Systems
- IT Support
- Network Support

Industry Certifications
- A+
- Network+
- Security+
- AWS
- CAPM / PMP