Technology and Engineering

**Common Majors:** Engineering, Computer Science, Management Information Systems, etc.

**Common Interests:** Engineering, Data & Analytics, Information Technology, Research, Customer/Technical Support, etc.

For career coaching, contact Kelly Masegian at kelly.masegian@sjsu.edu

### Top Employers and Industries

**Employers**

<table>
<thead>
<tr>
<th>Employer</th>
<th>3+ Hires Class of 2016-17 Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amazon</td>
<td></td>
</tr>
<tr>
<td>Apple</td>
<td></td>
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<tr>
<td>Applied Materials</td>
<td></td>
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<tr>
<td>Cisco</td>
<td></td>
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<tr>
<td>City of San José</td>
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<tr>
<td>eBay</td>
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<tr>
<td>F5 Networks Inc</td>
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<tr>
<td>Google</td>
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<tr>
<td>IBM</td>
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<tr>
<td>Intel</td>
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<tr>
<td>Intuitive Surgical</td>
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<tr>
<td>Jabil</td>
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<tr>
<td>Juniper Networks</td>
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<tr>
<td>Kohl’s</td>
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<tr>
<td>Lockheed Martin</td>
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<tr>
<td>NASA (multiple locations)</td>
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<tr>
<td>PayPal</td>
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<tr>
<td>SAP SE</td>
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<tr>
<td>ServiceNow Inc.</td>
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<tr>
<td>Tesla, Inc.</td>
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</tbody>
</table>

**Industries**

<table>
<thead>
<tr>
<th>Industry</th>
<th>5+ Hires Class of 2016-17 Graduates</th>
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<tbody>
<tr>
<td>Aerospace</td>
<td></td>
</tr>
<tr>
<td>Automotive</td>
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<tr>
<td>Biotech &amp; Life Sciences</td>
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<tr>
<td>Civil Engineering</td>
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<tr>
<td>Computer Networking</td>
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<tr>
<td>Construction</td>
<td></td>
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<tr>
<td>Electronic &amp; Computer Hardware</td>
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<tr>
<td>Government - Local, State &amp; Federal</td>
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<tr>
<td>Healthcare</td>
<td></td>
</tr>
<tr>
<td>Internet &amp; Software</td>
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</tr>
</tbody>
</table>

### Job Boards

- **SJSU Handshake**
- **dice.com (tech)**

### Student Organizations

**Major/Discipline Based**

- Alpha Eta Rho (Aviation)
- American Concrete Institute
- American Institute of Aeronautics and Astronautics
- American Institute of Chemical Engineers (AIChE)
- American Society of Civil Engineers
- American Society of Mechanical Engineers
- Biomedical Engineering Society
- Computer Science Club
- IDEAS
- Infosec Club
- Institute of Electrical and Electronics Engineers (IEEE)
- Institute of Industrial Engineers (IIE)

**Top Job Functions and Titles**

- **Job Functions**
  - Customer/Technical Support
  - Data & Analytics
  - Engineering - Civil/Mechanical/Other
  - Engineering - Web/Software
  - Technical Support Engineer
  - Software Engineer
  - Data Scientist
  - Mechanical Engineer
  - Project Engineer
  - Software Developer

- **Sample Titles**
  - Information Technology
  - Operations/Production
  - Product/Project Management
  - Quality Assurance
  - Research
  - First Level Tech/Helpdesk Support
  - Manufacturing Engineer
  - Projects Coordinator
  - Quality Engineer
  - Research Engineer

**Graduate Schools**

- **College Sample Programs**
  - College of Engineering
  - University of California, Davis
  - Masters in Electrical Engineering

### Top Employers and Industries

- Amazon
- Apple
- Applied Materials
- Cisco
- City of San José
- eBay
- F5 Networks Inc
- Google
- IBM
- Intel
- Intuitive Surgical
- Jabil
- Juniper Networks
- Kohl’s
- Lockheed Martin
- NASA (multiple locations)
- PayPal
- SAP SE
- ServiceNow Inc.
- Tesla, Inc.

**Employer posts opportunities in SJSU Handshake,** the campus' digital career resources platform

**Employer participates in on-campus recruiting events offered by the SJSU Career Center**

- Aerospace
- Automotive
- Biotech & Life Sciences
- Civil Engineering
- Computer Networking
- Construction
- Electronic & Computer Hardware
- Government - Local, State & Federal
- Healthcare
- Internet & Software

**Five or more hires**

- Amazon
- Apple
- Applied Materials
- Cisco
- City of San José
- eBay
- F5 Networks Inc
- Google
- IBM
- Intel
- Intuitive Surgical
- Jabil
- Juniper Networks
- Kohl’s
- Lockheed Martin
- NASA (multiple locations)
- PayPal
- SAP SE
- ServiceNow Inc.
- Tesla, Inc.

**Two or more admits**

- Amazon
- Apple
- Applied Materials
- Cisco
- City of San José
- eBay
- F5 Networks Inc
- Google
- IBM
- Intel
- Intuitive Surgical
- Jabil
- Juniper Networks
- Kohl’s
- Lockheed Martin
- NASA (multiple locations)
- PayPal
- SAP SE
- ServiceNow Inc.
- Tesla, Inc.

**P** Employer posts opportunities in SJSU Handshake,

**E** Employer participates in on-campus recruiting events offered by the SJSU Career Center

**Intensive Society for Pharmaceutical Engineering**

**Institute of Transportation Engineers**

**Materials Advantage**

**SJSU Human Factors/Ergonomics Society**

**Society of Plastics Engineers**

**Software and Computer Engineering Society (SCE)**

**UXA (User Experience Association)**

**Honor Societies**

- Chi Epsilon (Civil Engineering)
- Eta Kappa Nu (Electrical and Computer Engineering)
- Pi Tau Sigma (Mechanical Engineering)
- Tau Beta Pi (All Engineering)

**Special Interest/Multicultural**

- Alpha Omega Epsilon (Women Engineers)
- Amateur Radio Club
- Asian Coalition of Engineers and Scientists
- Association of Technology, Management, and Applied Engineering
- Black Engineers and Scientists (BASE)
- Bridge Engineering Student Transition Engineers Without Borders
- Game Development Club
- Out in Science, Technology, Engineering, and Math (oSTEM)
- Robotics Club
- Society of Latino Engineers and Scientists (SOLES)
- Society of Women Engineers (SWE)
- Students for the Exploration and Development of Space (SEDS)
- Women in Aviation

**Project Based**

- Concrete Canoe Team
- Jumbo Aircraft Development
- Precision Flight Team
- Spartan Embedded Hardware
- Society of Automotive Engineers International (SAE/Spartan Racing)
- Society of Automotive Engineers
- Spartan Racing Electric
- Spartan Racing FSAE
Science and Math

Common Majors: Biology, Chemistry, Physics, Astronomy, Mathematics, Statistics, Geology, Meteorology, Science Education, Environmental Studies, etc.

Common Interests: Research, Healthcare, Data & Analytics, Biotechnology, Sustainability, etc.

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Top Employers and Industries

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<thead>
<tr>
<th>Employers</th>
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<td>Genentech</td>
<td>Healthcare</td>
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<tr>
<td>IBM</td>
<td>Higher Education</td>
</tr>
<tr>
<td>Kaiser Permanente</td>
<td>Internet &amp; Software</td>
</tr>
<tr>
<td>Medtronic Inc.</td>
<td>Medical Devices</td>
</tr>
<tr>
<td>San José State University</td>
<td>Pharmaceuticals</td>
</tr>
<tr>
<td>Stanford Health Care</td>
<td>Research</td>
</tr>
<tr>
<td>Thermo Fisher Scientific</td>
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Employer posts opportunities in SJSU Handshake, the campus' digital career resources platform

Employer participates in on-campus recruiting events offered by the SJSU Career Center

Job Boards

SJSU Handshake

Student & Professional Organizations

American Society for Biochemistry and Molecular Biology Undergraduate Affiliate Network (ADSBMB)
Beta Beta Beta Biological Honors Society
Biodiversity Club
Biology Students Association (BSA)
Black Engineers and Scientists (BASE)
Environmental Resource Center
Forensic Science Students
Geography Club
Geology Club
IDEAS (Innovation, Engineering, Art, Science)
Network for Environment and Energy Development
Out in Science, Technology, Engineering, and Math (oSTEM)
Physics and Astronomy Club
Urban Planning Coalition