



Stanislaus County
Office of
Education

CAREER INSPIRATION CENTER

Information for the Technology Pathway

The Career Inspiration Center is offering 4 career pathways in STEM related industries.
Highlighted are 4 technology job titles.

EXPLORE more career pathways at www.stancareerpath.com

COMPUTER USER SUPPORT SPECIALISTS



- Technical Assistance
- Resolve Computer Issues
- Hardware/Software Support

Entry Level Education:
Some College, NO DEGREE

SOFTWARE DEVELOPERS & SOFTWARE QUALITY ASSURANCE ANALYSTS & TESTERS



- Research, design, and develop computer network software or specialized utility programs
- Analyze and identify software problems and causes

Entry Level Education:
Bachelor's Degree

COMPUTER PROGRAMMERS



- Create, modify, and test codes and scripts that allows computer to run applications
- Develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

Entry Level Education:
Bachelor's Degree

ROBOTICS PROGRAMMER



- Write, test, and modify programs
- Analyze drawings, blueprints, and manufacturing
- Test program before beginning work, and monitor progress to ensure quality during the production

Entry Level Education:
Vocational or Community College

The Career Inspiration Center collaborates with 12 school districts, post-secondary programs, local businesses, and community-based organizations to ensure students have access and awareness opportunities in the four major industry sectors in Stanislaus County. Visit www.stancoe.org/cic for our full list of partners.

Source: All Occupations in Stanislaus County, CA (Lightcast Q2 2023 Data Set) provided by Opportunity Stanislaus May 2023 and https://www.bls.gov/oes/current/oes_stru.htm
Source: <https://www.ziprecruiter.com/Career/Robot-Programmer/What-Is-How-to-Become#:~:text=The%20job%20duties%20of%20a,for%20manufacturing%20or%20industrial%20applications.>

TECHNOLOGY PATHWAY INFORMATION

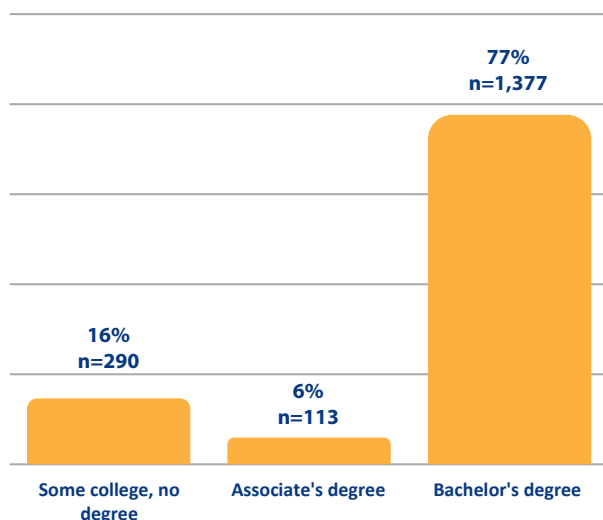
Job Description

**Some technological jobs can be remote work.*

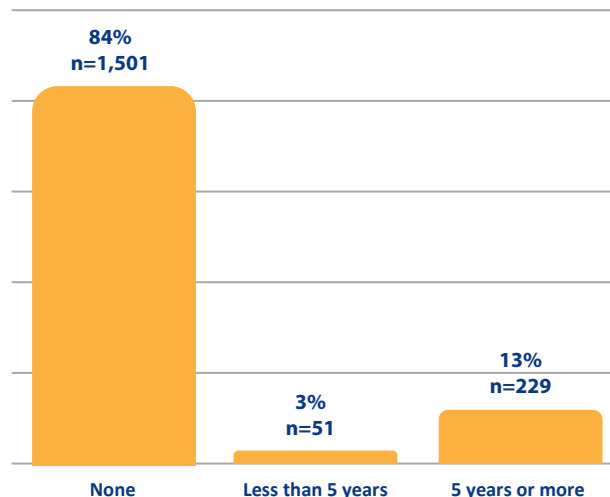
	2023-2033 Job Openings	Median Hourly Earnings	Median Annual Earnings
Computer and Information Systems Managers	187	\$63.51	\$132,101
Computer Systems Analysts	181	\$45.93	\$95,534
Information Security Analysts (Cyber Security)	51	\$55.81	\$116,083
Computer Network Support Specialists	113	\$35.89	\$74,651
Computer User Support Specialists	290	\$28.78	\$59,862
Computer Network Architects	42	\$36.99	\$76,939
Database Administrators	30	\$44.35	\$92,247
Network and Computer Systems Administrators	118	\$39.66	\$82,493
Computer Programmers	71	\$36.08	\$75,046
Software Developers	281	\$48.63	\$101,150
Software Quality Assurance Analysts and Testers	51	\$39.43	\$82,014
Web Developers	34	\$32.79	\$68,199
Web and Digital Interface Designers	15	\$43.47	\$90,425
Computer Occupations, All Other	261	\$35.89	\$74,651
Special Effects Artists and Animators	55	\$39.59	\$82,355



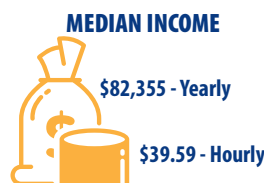
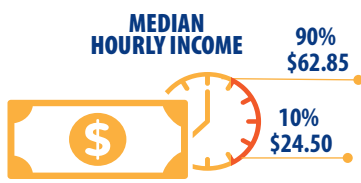
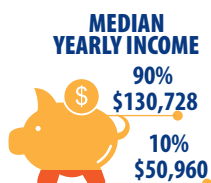
LEVEL OF ENTRY LEVEL EDUCATION



LEVEL OF WORK EXPERIENCE REQUIRED



INCOME



Local Career Opportunities



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Path!