

Web developers design and create websites. They are responsible for the look of the site. They are also responsible for the site's technical aspects, such as performance and capacity, which are measures of a website's speed and how much traffic the site can handle. They also may create content for the site. Analyze user needs to implement Web site content, graphics, performance, and capacity.

## DUTIES

Web developers typically do the following:

- Meet with their clients or management to discuss the needs of the website and the expected needs of the website's audience and plan how it should look
- Create and debug applications for a website
- Write code for the site, using programming languages such as HTML or XML
- Work with other team members to determine what information the site will contain
- Work with graphics and other designers to determine the website's layout
- Integrate graphics, audio, and video into the website
- Monitor website traffic

When creating a website, developers have to make their client's vision a reality. They work with clients to determine what sites should be used for, including ecommerce, news, or gaming. The developer decides which applications and designs will fit the site best.

## RELATED OCCUPATIONS

- Web Administrators ☀️
- Search Marketing Strategists ☀️
- Online Merchants ☀️
- Multimedia Artists and Animators
- Computer Programmers ☀️
- Computer Systems Engineers/Architects ☀️
- Information Technology Project Managers ☀️
- Computer and Information Systems Managers



## SALARY INFORMATION

Location	2018				
	10%	25%	Median	75%	90%
California	\$42,160	\$58,080	\$81,470	\$118,090	\$153,970

\*Pay period based on yearly amount.

EMPLOYMENT OUTLOOK

Increasing growth rate estimated to be

21%

2,720

estimated annual job openings



## SOUTHWESTERN COLLEGE MAJORS

- Information Systems
- Computer Programming with an Emphasis on Applications
- Computer Information Systems with an Emphasis:
  - eCommerce
  - Internetwork Technician
  - Operations/PC Support Specialist
  - Systems Programming
  - Web and Gaming Animator
  - Web Site Designer and Developer
  - Web Site eCommerce Administrator
- Certificates of Achievement:
  - Computer Programming Applications - Basic
  - Computer Programming Applications - Advanced
  - Systems Programming

- Certificates of Achievement Continued:
  - Web and Gaming 2D and 3D Animator
  - Web Search Engine Marketer
  - Web Site Designer and Developer
  - Web Shopping Cart Developer
- Certificates of Proficiency:
  - Internetwork Technician - Basic
  - Web Database Programmer/Administrator
  - Web Designer
  - Web and Gaming Animator
  - C++ Certificate
  - Project Management
  - Social Media Marketer