

**NOC
2175**

WEB DESIGNERS AND DEVELOPERS

JOB DESCRIPTION

Web designers and developers research, design, develop and produce Internet and Intranet sites.

DUTIES

- Consult with clients to develop and document Web site requirements
- Prepare mock-ups and storyboards
- Develop Web site architecture and determine hardware and software requirements
- Source, select and organize information for inclusion and design the appearance, layout and flow of the Web site
- Create and optimize content for the Web site using a variety of graphics, database, animation and other software
- Plan, design, write, modify, integrate and test Web-site related code
- Conduct tests and perform security and quality controls
- May lead and co-ordinate multidisciplinary teams to develop Web site graphics, content, capacity and interactivity
- May research and evaluate a variety of interactive media software products.

COMMON JOB TITLES

- Webmaster
- Web manager
- Web developer
- Internet site designer
- Internet site developer
- Intranet site designer
- Web designer
- Web site developer
- e-business Web site developer.

QUALIFICATIONS, ESSENTIAL SKILLS & EMPLOYMENT REQUIREMENTS

- A bachelor's degree, usually in computer science, communications or business or Completion of a college program in computer science, graphic arts, Web design or business is required.
- Experience as a computer programmer or graphic designer is usually required
- Employers usually require experience of 1-5 years
- Specific Skills: Create and optimize content for web site using a variety of graphics, database and animation. Source, select and organize information for inclusion and design the appearance and layout. Develop web site architecture and determine hardware and software requirements.
- Computer and Technology Knowledge: Windows, Internet, Adobe Photoshop, Flash, Adobe Illustrator, HTML and Java Script.

EDUCATIONAL PROGRAMS

- Web Design- Sheridan Institute of Technology and Advanced Learning (Oakville, ON)
- Web Design, Development and Maintenance- Humber College of Applied Arts and Technology (Toronto, ON)
- Microsoft Application Support Certificate- Centennial College of Applied Arts and Technology (Toronto, ON)

WAGES (\$/hour)

- Median Wage: \$28.41
- Wage Range: \$15-\$46.15

TYPICAL EMPLOYERS

- Computer software development firms
- Information technology consulting firms
- Information technology units throughout public and private sectors
- Advertising agencies
- Self-employed