

INTERNET DEVELOPMENT SPECIALIST

{ JOB DESCRIPTION }

Internet development specialists install, upgrade, and maintain the “back-end” of an Internet site. They apply their knowledge of relational databases, application servers, Internet programming languages, and Internet protocols to connect the company's databases with web pages, making retrieval and transmission of information possible. They work with webmasters generating statistical reports on site utilization and performance and they interact with department representatives and electronic commerce specialists to determine which mechanisms will best serve the customers. They also test the system periodically, reconfigure and update it as necessary, and perform repairs when the system fails.

{ SKILLS AND APTITUDES NEEDED }

- Knowledge of electric circuit boards, processors, chips, and computer hardware and software, including applications and programming
- Knowledge of equipment, tools, mechanical devices, and their uses to produce motion, light, power, technology, and other applications
- Knowledge of principles and processes involved in business and organizational planning, coordination, and execution. This includes strategic planning, resource allocation, manpower modeling, leadership techniques, and production methods.
- Computer programming, critical thinking, and technology design skills
- Additional skills including oral and written communication, active listening and problem sensitivity skills

Internet development specialists analyze, review, and rewrite programs using workflow charts and diagrams. They may also use their computer programming skills to convert flow chart diagrams into a functional computer program while taking into account computer storage capacity, speed, and intended use. Documenting program development and revisions is also an important skill.

Candidates need to be patient, creative, methodical and well organized. They should also have an eye for detail, problem-solving ability, be able to meet deadlines, and work well with others.

{ SOUTH PLAINS }

Avg. Wage
\$19.86

Avg. Annual
Job Openings
10

Employment in
1998 2008
110 190

{ TEXAS }

Avg. Wage
\$26.41

Avg. Annual
Job Openings
1,215

Employment in
1998 2008
38,500 50,650

{ U.S. EMPLOYMENT }

In 1998
118,684

Female **29%**
Minority **17%**

BUSINESS & MARKETING CAREERS



{ PREFERRED EDUCATION }

- Associate degree in Computer Science or Management Information Systems
- Bachelor degree in Computer Science or Management Information Systems
- Vendor-specific or vendor-neutral product training or certification may be required by employer
- Training in multiple computer languages is preferred

{ LICENSE / CERTIFICATION }

- Vendor-specific or vendor-neutral product training or certification may be required by employer

{ REGIONAL EDUCATION PROVIDERS }

- **SOUTH PLAINS COLLEGE**- Associate of Applied Science (A.A.S.), Computer Information Systems
- **TEXAS TECH UNIVERSITY**- Bachelor of Science (B.S.), Computer Science; Bachelor of Science (B.S.), Engineering Technology; Bachelor of Business Administration (B.B.A.), Management Information Systems
- **LUBBOCK CHRISTIAN UNIVERSITY**- Bachelor of Science (B.S.), Computer Information Systems
- **WAYLAND BAPTIST UNIVERSITY**- Bachelor of Science (B.S.), Math (WBU) with minor in Computer Science (TTU); Bachelor of Business Administration (B.B.A.), Management Information Systems

{ JOB SITES }

Programming, Data Processing, & Other Srv.	41.1%
Professional and Commercial Equip. & Supplies	7.8%
Computer and Office Equipment Management and Public Relations Services	5.5%
	5.4%

{ FOR MORE INFORMATION }

ASSOCIATION OF INTERNET PROFESSIONALS
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