Develop or apply mathematical or statistical theory and methods to collect, organize, interpret, and summarize numerical data to provide usable information. May specialize in fields such as bio-statistics, agricultural statistics, business statistics, or economic statistics. Includes mathematical and survey statisticians.

**INDUSTRIES:**
Scientific Research and Development Services, Federal Executive Branch, Consulting Services, State Government, General Medical and Surgical Hospitals

Projected Job Openings (2016 - 2016): 4,400 [Increase by 34%]

**Salary**
- Entry Level: $64,230
- Median Level: $84,060

**Common Job Titles**
- Application Analyst
- Applications Developer
- Data Analyst
- Database Administrator
- Games Developer
- Information Systems Manager
- Software Developer
- IT Consultant
- Multimedia Programmer

**Skills**
- Teamwork
- Leadership
- Problem Solving
- Negotiation
- Time Management
- Organization
- Report Writing
- Numeracy
- Coping with Rapid Technological Changes in computing

**Tools**
- Access Software
- Analytical or Scientific Software
- Application server software
- Computer Aided Design
- Data Mining Software
- Spreadsheet Software
- Web Platform Development
- Network Monitoring Software

**Knowledge**
- Programming Languages
- Network Design and Engineering
- Software Engineering
- Multimedia Design
- Software Tools and Packages
Popular Employers
NetApp
Facebook
IBM
Amazon
Texas Instruments
Banks
Insurance Companies
Universities/Colleges
Charities

Related Occupations
Computer System Analysts
Network & Computer System Administrators
Computer Programmers
Computer Network Architects
Computer Network Architects
Web Developers
Database Administrators
Hardware Engineers
Information Security Analysts

Advice from professionals is great
Continuing professional development (CPD) is especially important when you’re working with computers as technology and software develops at such a rapid pace.

Professional Associations
Association for Computing Machinery
IEEE Computer Society
CompTIA
National Center for Women and Information Technology

Want more information? Go online to ONET/Occupational Outlook Handbook/U.S. News