

# Job Search Resources for MATH Majors

Mathematics and computer science use quantitative thought and analytical reasoning. Assistance from computer hardware and software is sometimes used to solve theoretical and practical problems in the real world, including the design and use of computer equipment. Mathematics is usually referred to as either pure (theoretical/abstract) or applied (practical/problems solving). Major branches of this area of study include arithmetic, algebra, geometry, trigonometry, calculus, probability, and statistics.

## Occupations to Consider

Actuarial Assistant	Cost Estimator/Analyst	Information Scientist	Quality Control
Aerospace Engineer	Cryptographer	IRS Agent	Research Analyst
Air Traffic Controller	Data Processing Mgr	Insurance Analyst	Risk Analyst
Astronomer	Economist	Investment Banker	Robotics Tech
Banking/Credit Mgr	EDP Auditor	Inventory Controller	Securities Broker
Biometrician	Efficiency Expert	Lawyer	Software Engineer
Biostatistician	Engineer	Market Research Analyst	Statistician
Broker Agent	Engineering Lab Tech	Mathematician	System Analyst
CAD/CAM Specialist	Environmental Lab Tech	Media Center Manager	Systems Engineer
Cartographer	Estate Planner	Meteorologist	Teacher
Computer Consultant	External Auditor	Numerical Analyst	Tech Support Rep
Computer Engineer	Financial Analyst	Operations Manager	Technical Writer
Computer Scientist	Financial Auditor	Physicist	Underwriter
Consultant	Financial Consultant	Pollution Mgr	Urban Planner

## Potential Employers

Airline Industry	Computer Companies	Hospitals	Pharmaceutical Industries
Banking Firms	Department of Defense	Insurance Companies	Professional Journals
Census Bureau	Department of Justice	Investment Firms	Publishing Companies
Chemical Industries	Department of Labor	Library of Congress	Transportation Industries
Colleges/Universities	Engineering Firms	Manufacturing Industries	Utility Companies
Communication Companies	Health and Human Services	NASA	Weather Bureau

## Recent Kansas State University Graduates

Accuquote	Bechtel Bettic Inc	Garmin International	Office of the Comptroller of the Currency
Allstate Corporation	Cerner Corporation	Novastar Financial Inc	
American General Financial Grp	Financial Security Corporation	USDA Risk Mgmt Agency	

## Websites to Consider

- Current Jobs for Grads  
[www.graduatejobs.com/](http://www.graduatejobs.com/)
- Government Jobs  
[www.govtjobs.org/](http://www.govtjobs.org/)
- Inst. of Mathematical Statistics  
[www.imstat.org/](http://www.imstat.org/)
- Kansas Civil Job Service  
[www.da.ks.gov/ps](http://www.da.ks.gov/ps)
- K-State Department of Mathematics  
[www.math.ksu.edu/main/](http://www.math.ksu.edu/main/)
- Job Hunt Organization  
[www.job-hunt.org/](http://www.job-hunt.org/)
- Jobs for Mathematics  
[www.mathjobs.org/jobs](http://www.mathjobs.org/jobs)
- Math Jobs  
<http://math-jobs.com/us>
- Society for Industrial & Applied Mathematics  
[www.siam.org/](http://www.siam.org/)
- USA Jobs  
[www.usajobs.opm.gov/](http://www.usajobs.opm.gov/)

## Additional Online Resources

- American Mathematical Society Resources for Undergraduates in Mathematics
- Careers in Applied Mathematics and Computational Sciences
- Career and Employment Resources for Students in Mathematics
- Career for Women in Mathematics
- Careers in Math from Coolmath.com
- Computer Society Career Services
- Computer Science Associations
- Careers in Statistics
- Mathematics Careers
- National Council of Teachers in Mathematics
- Sloan Foundation Careers in Science, Technology, Engineering and Mathematics

## Professional Organizations

American Computer Science Association <a href="http://www.acsa2000.net">www.acsa2000.net</a>	Assoc. for Women in Mathematics <a href="http://www.awm-math.org">www.awm-math.org</a>	Mathematical Programming <a href="http://www.mathprog.org">www.mathprog.org</a>
American Mathematical Society <a href="http://www.ams.org">www.ams.org</a>	Assoc. of the Institute for Certification of Computer Professionals <a href="http://www.iccp.org">www.iccp.org</a>	National Council of Teachers of Mathematics <a href="http://www.nctm.org">www.nctm.org</a>
American Society for Information Science <a href="http://www.asis.org">www.asis.org</a>	Mathematical Assoc. of America <a href="http://www.maa.org">www.maa.org</a>	Society & Society for Industrial and Applied Mathematics <a href="http://www.siam.org">www.siam.org</a>

