WHAT CAN I DO WITH A MAJOR IN COMPUTER SCIENCE?
1. Analyze the informational needs of an institution or business and design a computer system which satisfies those needs.
2. Use computer programming languages to instruct a computer to perform an operation.
3. Instruct people in the use of a computer or computer software.
4. Monitor and troubleshoot within existing computer systems.
5. Plan, operate, and manage networks.
6. Use computers to prepare material that would otherwise be written or drawn by hand.

EXAMPLES OF FIELDS OF EMPLOYMENT FOR COMPUTER SCIENCE MAJORS:
2. Finance 8. Health
4. Retail 10. Utilities
5. Communications 11. Education
6. Government

SAMPLE JOB TITLES OF SUNY POTSDAM’S COMPUTER SCIENCE ALUMNI:
* Systems Analyst  * Application Programmer
* Software Engineer  * Technical Support Engineer
* Database Administrator  * Research Support Specialist
* System Architect  * Consultant
* Computer Network Manager  * Trainer

SAMPLE JOB DESCRIPTIONS:
1. Systems Analyst: solves scientific, engineering, and business problems, through the application of information processing techniques.
2. Programmer: plans and encodes software that tells a computer what to do.
4. Computer Engineer: researches, designs, and develops new computer systems, computer related equipment, or software.
ENHANCING EMPLOYABILITY:
1. Get involved in the career development process early, freshman year.
2. Select minors/elective courses that will demonstrate interest/applicability to your career objective.
3. Get work experience: INTERNSHIPS, volunteer and summer employment.
4. Develop the following job search and self-marketing skills: resume and cover letter writing, create a portfolio and self-marketing brochure, researching employers, interviewing, networking and employment searching.
5. Skills to develop: problem solving, teamwork, abstract reasoning, interpreting and analyzing data, oral/written communications, planning, organizing, knowledge of computer languages, equipment and programs, leadership, decision making, and attention to detail.

SAMPLE INTERNSHIP EXPERIENCES:
* Pro-Found Software
  - The company designs and produces custom software.
  - Interns work in the Software Engineering department where they help create software and participate in client interviews.
* Information Technology Co-op/Interns
  - The company provides high technology consulting and development services to major corporations.
  - Interns will be placed with a dynamic team of experienced consultants in the Module Design, Development and Deployment of cutting edge client/server and web applications.

PREPARING FOR THE JOB SEARCH MARKET
* Write an employer targeted resume and cover letter
* Learn job search strategies
* Borrow resources from the SUNY Potsdam’s Career Planning Library
* Develop networking cards
* Network w/employers at Career/Job Fairs
* Prepare for an interview
* Design a portfolio and self-marketing brochure
* Visit SUNY Potsdam’s Career Planning Web Site at: www.potsdam.edu/offices/career
* Seek advice from faculty

SOME EMPLOYERS OF SUNY POTSDAM COMPUTER SCIENCE ALUMNI:
* Department of Defense
* Eastman Kodak Co.
* Blue Cross and Blue Shield
* Microflite
* Computer Services Corporation
* Deltec Systems
* Computer Task Group, Inc.
* Binghamton University
* Hewlett-Packard Co.
* IBM

WHERE TO GET INFORMATION AND ASSISTANCE:
1. COMPUTER SCIENCE DEPT., SUNY Potsdam, 311 Dunn Hall
   * Talk with Faculty
   * Talk with Students
   * Talk with Alumni

2. CAREER PLANNING OFFICE, SUNY Potsdam, 206 Sisson Hall
   * Individual Career Assistance
   * Workshops/Seminars
   * Employer Literature
   * Career Assessment Programs
   * Career and Job Fairs
   * Networking Assistance
   * Alumni Mentor
   * Job Vacancies
   * Summer Jobs
   * Reference file
   * Career Planning Web Site
   * Career Library
   * A Major Affair
   * Free Handouts Available
WHAT IF I WANT TO GO TO GRADUATE SCHOOL?
RESOURCES AVAILABLE AT THE CAREER PLANNING OFFICE:
* On-Campus Graduate School Fair
* Graduate School handout
* GRE, GMAT, MCAT, LSAT and MAT forms and bulletins
  (GRE computerized tests and graduate study books)
* Graduate books - listings of schools and programs
* Financial aid information about graduate school
* Peterson’s Graduate Programs (G7F, G, H, I, J, K)
* Web Site: www.potsdam.edu/offices/career/graduate

RESOURCES FOR FINDING EMPLOYERS:
RESOURCES AVAILABLE AT THE CAREER PLANNING OFFICE (call #’s):
* Dun’s Career Guide Employment Opportunities Directory (R8B)
* Job Hunter’s Sourcebook (R26G)
* Summer Jobs Worldwide (S2A)
* Dun’s Regional Business Directory (R8I, R8J, R8K)
* Hoover’s Handbook of American Business (R5M)
* Careers in Computers (C10A)
* Computer Careers Handbook (C10B)
* Computer Careers (C10C)
* Job Opportunities in Engineering & Computer Science (R45D)
* Careers for Computer Buffs and Other Technology Types (C10F)
* Great Jobs for Computer Science Majors (C10D)
* Career Opportunities in Computers & Cyberspace (C10E)
* Careers for Cyber-Surfers and Online Types (C10I)
* Webmaster & Information Technology Career Starter (C10H)
* Internet Jobs (C10G)
* Scientific & Technical Organizations & Agencies (CR45E, CR45F)
* Career Planning Job Search Internet Links: www.potsdam.edu/offices/career/jobsearch/index.cfm
* Additional material found by using Career Planning Library Bibliography

OTHER SOURCES OF INFORMATION:
* Association for Computing Industry
  1515 Broadway, 17th Fl.
  New York, NY 10036
  (212) 626-0500
  www.acm.org

* Institute for the Certification of Computing Professionals
  2200 East Devon Avenue, St. 247
  Des Plaines, IL 60018
  (847) 299-4227
  www.iccp.org

* Independent Computer Consultants Assoc.
  11131 South Towne Square, Ste. F
  St. Louis, MO 63123
  (314) 892-1675
  www.icca.org

* Information Systems Association
  920 South Waukegan Road
  Niles, IL 60045
  (847) 647-8100
  www.home.aisnet.org

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