

How to Find a Job in Science & Technology

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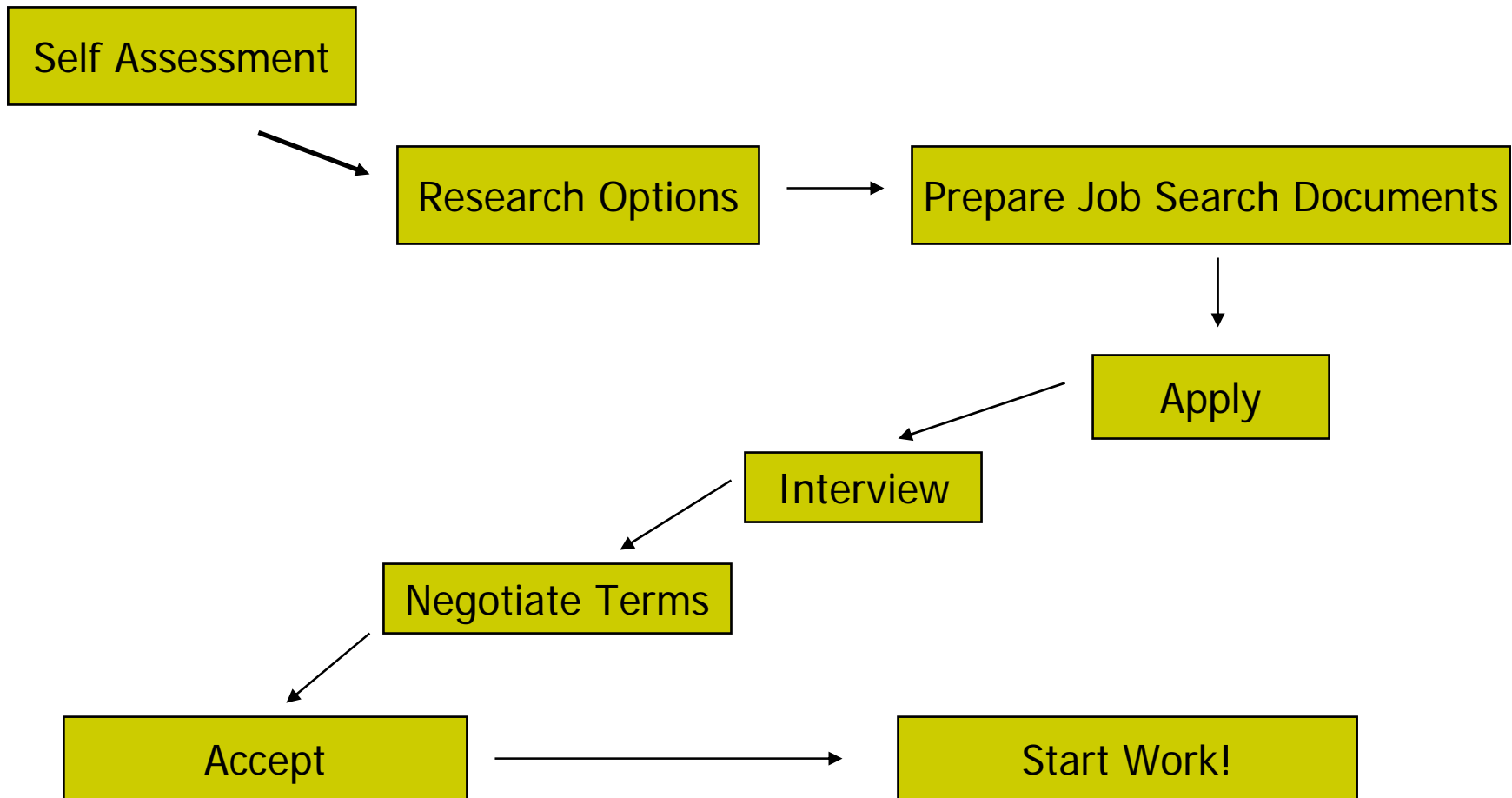


Today's Agenda

- The job search process
- Strategies
- Where the jobs are
- Timeline
- Resources
- Examples
- Q&A

Will it take 60 days
or 6 months?

Job Search Process





Strategies

- Explore: Plan, Plot, Prepare
- Research & target
- Never underestimate the power of your network
- Informational Interviewing
- Job Postings

Strategies: Exploration

- ❑ Career Counseling
- ❑ Crimson Compass, peer2peer, MentorNet
- ❑ Reading Room
- ❑ Online Resources (including Crimson Careers, UCAN, Going Global)
- ❑ Talk to folks you know doing interesting work
- ❑ Workshops / Programs / Events

Strategies: Research & Target

□ Employers

- Review directories, journals and newspapers
- Visit employer web sites
- Conduct networking interviews with people in the field and even organizations of interest

□ Labor Market

- Can current labor market support your career goals?
- Are there positions in your geographic area of choice?
- Get a sense of hiring patterns for your industry in general. Layoffs? Growth?

Strategies: Networking & Events

Fall 2009 Events & Programs Include:

- ❑ Exploring Careers in Biotech, Medical Devices, and Pharmaceuticals:
Sept. 28 – 4pm
- ❑ Applying to Jobs in the Federal Government - From Resumes to KSAs:
Oct 1 – 2pm
- ❑ National Geographic Young Explorers Workshop: Oct. 3 – 10am
- ❑ Exploring Careers in Sciences, Beyond the Bench: Oct. 13 – 4pm
- ❑ Grad School in the Sciences: Applying, Surviving, and Thriving:
Oct. 21 – 4pm
- ❑ How to Find Internships in Architecture and Urban Planning:
Nov. 3 – 4pm
- ❑ How to Find Internships in Energy, Environment and Sustainability:
Nov. 13 – 2pm
- ❑ Global Health Fair: Nov. 20 – 2pm



Where the Jobs Are

All Sciences

- Academia
- Government
- Industry
- Research (across all three sectors)



Where the Jobs Are

Engineering

- Medical Device / Biomed
- Mechanical
- Electrical
- Software



Where the Jobs Are

Life Sciences

- Biotech / Pharma
- Research (academic, clinical)
- Healthcare
- Government (agencies, labs, policy, etc)
- Consumer Products
- Educational Non-profits
- Agribusiness



Where the Jobs Are

Environmental / Earth Sciences

- Environmental Consulting
- Non-Profits / NGOs
- Research
- Government (inc policy, regulatory, etc)
- Engineering / Development Firms
- Energy / Cleantech



Where the Jobs Are

Computer Science & Technology

- Gaming
- Software
- Programming
- Digital / Interactive Media
- Tech / Startups

Timeline – When should you apply?

Varies depending on industry

- Engineering
- Life Sciences
- Environmental / Earth
- Technology

Where to begin..... On Campus Recruiting

■ Healthcare/Pharma

- Health Advances
- IMS Health
- Advisory Board

■ Life Sciences

- L.E.K. Consulting
- Frankel Group

■ Energy/Environmental

- Power Advocate

■ Engineering

- ARES

■ Technology

- Applied Predictive Technologies
- Facebook
- TIBCO Software
- G2 Systems
- Linkshare
- Media Unbound
- Microsoft
- QUIA
- VistaPrint

Resources – Engineering

- <http://www.engcen.com/entry.asp#jobs>
- <http://www.engineer.net/>
- <http://www.interec.net/app/>
- <http://www.ieee.org/web/careers/home/index.html>
- <http://www.asme.org/jobs/>
- <http://www.devicelink.com/newcc/>

Resources – Life Sciences

- <http://www.newscientistjobs.com>
- <http://careers.the-scientist.com/>
- <http://www.nature.com/naturejobs/>
- <http://chemistryjobs.acs.org/search/browse/>
- <http://www.chemjobs.net/>
- <http://www.medzilla.com/>
- <http://www.biospace.com/jobs/>

Resources – Environmental / Earth

- <http://www.ecojobs.com/>
- <http://www.greenenergyjobs.com/>
- <http://www.environmental-expert.com/jobs.asp>
- <http://www.environmental-jobs.com/>
- <http://www.ejobs.org/> (lists)
- <http://jobs.greenbiz.com/>

Resources – Technology

- <http://www.dice.com/>
- <http://www.developers.net/tech-jobs>
- <http://www.gamejobs.com/>
- <http://www.gamasutra.com/jobs/board.php>
- <http://jobs.stackoverflow.com/>

Examples – Engineering

Project Engineer with Comfort Systems USA Energy Services

Comfort Systems USA is one of the Nation's largest heating, ventilating, and air conditioning full service mechanical contractors. Our Energy Services division is seeking a self motivated & professional individual for the position of Project Engineer. We are heavily involved in the Green Building movement and are a leading provider of energy system analysis and design. This is a full time position and will be based out of our Windsor, CT office.

- Perform on construction inspections at remote sites to verify and document proper installation of energy efficiency measures.
- Interact with Architects, Engineers and other Project Team Members to correct construction deficiencies.
- Perform Energy Audits of existing buildings to collect information on building systems and constructions.
- Use energy modeling software, such as eQuest™, TREAT™ or Trane TRACE 700™ to create, analyze and compare alternate energy models of existing and proposed buildings

Full description on Crimson Careers (job id #2317)

Examples – Life Sciences

RESEARCH ASSISTANT IN MEMORY AND AGING STUDIES AT HARVARD MEDICAL SCHOOL/ MASSACHUSETTS GENERAL HOSPITAL

Responsibilities: Full time clinical research assistant needed in the Gerontology Research Unit, a large multidisciplinary group conducting a variety of studies of aging, cognition, neuroimaging, genetics and Alzheimer's disease. Tasks include close work with study subjects, including patient interviews, neuropsychological testing, and phlebotomy. Research assistants will be involved in documenting and compiling clinical research data, scheduling appointments and procedures, and maintaining study databases. Interested research assistants can also develop skills in neuroinformatics and database design and management. A two-year commitment is required.

Full Description on Crimson Careers (job id#3164)

Examples – Environmental / Earth

Assistant Project Scientist at Weston Solutions

Weston's Andover, MA office has an excellent opportunity for an enthusiastic and dedicated environmental professional under their highly successful US EPA Program. The successful candidate will have 0-4 years of experience in a related field, and will be provided a wide range of training and field experience to broaden professional skills while working on unique assignments for their strategic client. The multidisciplinary team participates in a variety of projects under the Removal and Pre-Remedial Programs, including hazardous waste site investigations, environmental assessments, removal actions, emergency responses to chemical and oil spills, counter-terrorism events including participation in nationally significant incidents. Typical tasks include overall project management, extensive client contact, field activities, data interpretation, report preparation, and other support activities.

www.ecojobs.com

Examples – Technology

QA Engineer at Yahoo!

Think about impacting 1 out of every 2 people online—in innovative and imaginative ways that are uniquely Yahoo!. Define test strategy, execute test plans, review product specifications, and define/select appropriate test tools and automation strategy. -Computer Science major, Bachelors or Masters student graduating in 2010

- Interest and knowledge of both development and quality assurance/testing
- Strong programming skills in at least one of these technologies: Java, C, C++

Full description on Crimson Careers (job id#3013)



Q&A
