

Cornell SWEMAIL Academic Year 2008-2009  
Week of September 13, 2008  
Society of Women Engineers

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For a complete calendar of Cornell SWE's Events, visit us at:  
<http://swe.cornell.edu/calendar.html>

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SWE EVENTS:

1. Seeking a Finance Chair for 2008-2009

The finance chair is responsible for managing SWE personal and banking accounts. The chair also monitors purchase requests and passes those requests on to the presidents. In addition, the finance chair also prepares reimbursements for members. Lastly, the finance chair keeps in contact with companies on financial transactions. Accounting experience preferred, but not required.

Contact Alice Chuang (acc65), current Director of Finance, for finance application.  
Deadline of application: Saturday, October 1, 2008

Thanks,  
Alice

## 2. Pictures at Events

Hi everyone,

I am a publicity chair for SWE this year and am responsible for writing a newsletter about the various SWE events this semester. If any of you happen to volunteer at an info session or attend any other interesting event, I would really appreciate it if you took a camera with you! Please email me (ng262) any pictures you may have or just write me a sentence or two about what happened and what you did. This would be a great way for me to keep up with what everyone is doing for SWE! Thanks a lot!!

Natasha

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## RESEARCH, INTERNSHIP, TRAINING, & EMPLOYMENT:

### 4. BlackRock Information Session

Hello from BlackRock!

We will be on campus next Wednesday, September 17th at 6:30pm, for an Information Session. You are receiving this email because you are listed as the President of your organization, please share this invitation with the group. Hope to see you there!

The BlackRock Campus Recruiting Team

WHAT:

BlackRock Information Session

SPEAKER: Barbara G. Novick

Vice Chairman

Head of Account Management Group

Class of '81

WHEN: Wednesday, September 17

6:30 p.m. – 8:00 p.m.

WHERE: The Statler Hotel—Amphitheater

#### 5. Tutor Positions Available

##### **\*TUTOR POSITIONS AVAILABLE WITH ENGINEERING LEARNING INITIATIVES**

\*Are you looking for a rewarding job with flexible hours? Are you interested in brushing up those skills of interest to future employers? Have you excelled in any one of the core engineering courses? If so, why wait? Apply to be an engineering peer tutor today!

Engineering Learning Initiatives is seeking tutors for the following courses:

Physics 1112, 2213, 2217

CHEME 2090, 2080

CS 1110, 1112, 2110

Math 1910, 1920, 2930

Distribution Courses

For additional information and to access the on-line application, go to

<http://www.engineering.cornell.edu/tutoring>

#### 6. Become an AEW facilitator

##### **\*BECOME AN ACADEMIC EXCELLENCE WORKSHOP (AEW) FACILITATOR!**

\*Engineering Learning Initiatives is looking for engineering sophomores, juniors, and seniors who have mastered the course material in core courses (with a minimum overall GPA 3.0 or a grade of B+ or higher in the course) and wish to help their peers succeed.

Openings are currently available for:

Math 1091-206 R 2:30-4:25 (Core course: Math 1910)

Math 1092-202 R 2:30-4:25 (Core course: Math 1920)

Math 1094-201 W 2:30-4:25 (Core course: Math 2940)

Please view additional information and complete an application at [www.engineering.cornell.edu/student-services/learning/academic-excellence-workshops/become-facilitator/index.cfm](http://www.engineering.cornell.edu/student-services/learning/academic-excellence-workshops/become-facilitator/index.cfm) <<http://www.engineering.cornell.edu/student-services/learning/academic-excellence-workshops/become-facilitator/index.cfm>>

Questions? Contact Linda Tompkins at [lt57@cornell.edu](mailto:lt57@cornell.edu) <<mailto:lt57@cornell.edu>>, or stop by the Engineering Learning Initiatives office in 167 Olin Hall.

## 7. Capital IQ is hiring:

Cornellians,

I graduated from ORE this past May and started working as a Business Analyst at Capital IQ shortly after. It's a great environment to be in right after school, with a huge Cornell community. We're a growing company and will be recruiting at the career fair on Tuesday. Here's a bit of information on who we are and what positions we're looking for:

Capital IQ is a Web-Based Financial Platform seeking individuals for its Technology Team. As a part of Capital IQ, you'll be working in a fast-paced, team-oriented environment. Ideal Capital IQ members have a strong work ethic but make Capital IQ a fun environment, including no dress code. We have all the culture of a Web 2.0 startup along with the backing of a Fortune 500 company.

The positions:

Business Analysts –

Design the next generation of the Capital IQ platform. Through research and client interviews you brainstorm how to improve functionality, produce detailed documents outlining graphics and workflow, lead design reviews to incorporate feedback from other members of your team, and unit test for quality assurance once your functionality enters development. Ideal for individuals with an interest in finance, good communication skills, and an eye for determining the most efficient way of performing a task or presenting data.

Database Engineers -

While DBAs at Capital IQ program in SQL, a prior knowledge of this language is not a necessity as long as you are a problem solver with a technical background.

Software Developers –

While our software is predominantly .NET and COM-based, smart coders with other backgrounds and finely tuned problem solving skills are encouraged to apply.

The positions we offer will be at our office in Manhattan, in the heart of the Financial District. We are primarily looking for May 2009 graduates, but do offer paid summer internships with housing provided.

**Key Dates:**

Present – Resume Drop on CornellTRAK is open for all positions  
Sep 10, 10am to 3pm – Capital IQ at Technical & Engineering Career Fair  
Sep 15 – deadline to apply via CornellTRAK  
Sep 29, 6 – 7pm – On Campus Information Session  
Sep 30 – On Campus Interviews

We encourage you to stop by our booth at the career fair Wednesday for more information or to ask questions. You can apply for positions via CornellTRAK or by emailing your resume to [techjobopps@capitaliq.com](mailto:techjobopps@capitaliq.com) with the subject "Technology Team Positions - Cornell"

**Company Information:**

Acquired by Standard & Poor's in 2004, Capital IQ is a leading provider of high impact information to global financial institution, advisory firms, and corporations. The company was founded in 1998, is headquartered in New York City, and has regional offices in San Francisco, Chicago, Los Angeles, Houston, Boston, London, and various locations in India.

To learn more about Capital IQ, visit us at [www.capitaliq.com](http://www.capitaliq.com).

Abbe Yale, **Capital IQ**

55 Water Street | 49th Floor | New York, NY 10041

(212) 438-6147 [ayale@capitaliq.com](mailto:ayale@capitaliq.com)

**8. Morgan Stanley: Training Program Job:**

**Technology Training Program:** The Technology Training Program is held twice a year, in February and August, and is designed to develop highly-skilled and motivated technologists. Technologists are recruited globally for a particular office - New York, London, Hong Kong, Tokyo, Budapest, Shanghai or Mumbai. The program curriculum includes intensive technology training in application development or computing infrastructure, orientation to Morgan Stanley, an overview of

the Securities Industry, exposure to senior managers, and professional skills workshops. Trainees spend the last three to four weeks of the program on projects addressing real business needs. The projects provide a smooth transition to future work groups. Locations in North America include New York (Manhattan, Westchester), Illinois (Oakbrook), New Jersey (Princeton), and Montreal (Canada).

**Application Development:** For Computer Science, Computer Engineering, Electrical Engineering, Mathematics, Physics, and related technical disciplines. The emphasis is on design, architecture and rationale with the intention of developing excellent design and programming skills as well as developing skills to build, integrate, deploy, and extend software systems to support our business. Curriculum includes work in C++, Java, Perl, C#, object-oriented analysis and design, .NET, Linux/Unix, Windows, relational databases, web technologies (including RIA), middleware, XML/SOAP, messaging, systems architecture, systems integration and Firm-specific tools.

**Computing Infrastructure:** For Computer Science, Computer Engineering, Electrical Engineering, Mathematics, Physics, and related technical disciplines. The emphasis is on developing excellent engineering, operations, and client skills to support the global enterprise infrastructure for the Firm. Curriculum includes computer fundamentals, networks, databases, proprietary systems, hardware, Linux/Unix and Windows, middleware, systems engineering, virtualization, automation, and systems management and administration.

**Qualifications:** Bachelor's or Master's degree. Candidates should possess excellent problem-solving and analytic skills, outstanding academic performance, strong communication skills and the ability to work with others. Successful candidates must also demonstrate a record of success in summer internships, co-ops and extracurricular activities. Consideration for our training program requires English proficiency, a minimum GPA of 3.0/4.0 (United States) or Class degree 2:1 (United Kingdom) or equivalent in Europe and Asia. □

## 9. Morgan Stanley: Technology Summer Job

### 2009 Technology Summer Program □

**Technology Summer Program Overview:** The 10-12 week Technology Summer Program is designed to develop highly motivated junior technologists who partner with the business units to solve complex problems through the appropriate use of technology.

The program commences with an introduction to the securities business and the Morgan Stanley Technology division. An overview of the Morgan Stanley technical environment, systems and infrastructure is provided. Throughout the program, Summer Interns may enroll in additional on-site training classes to sharpen their skills in the technologies relevant to their internship.

A weekly speaker series allows Summer Interns the perfect forum to learn and discuss emerging trends and developments in technology and finance with senior managers representing the Firm. Smoothing the transition from classroom to the corporate environment, Summer Interns are paired with Morgan Stanley technologists who serve as mentors. In many instances, mentor relationships continue well beyond the end of the program. Moreover, frequent social activities throughout the program allow for networking opportunities with Technology officers, associates and peers.

**Duties and Responsibilities:** Technology Summer Interns are recruited and placed in a specific development or infrastructure team for the duration of the internship. They solve business problems that are unique to a market leading institution using innovative technology. Over 50,000 employees and many customers need easy access to our backend platforms. Our software is developed on Windows, Unix and Linux, using Java, C++, C# and Perl. Our developers leverage third-party infrastructure as well as infrastructure developed in house -- these include relational databases, global XML/SOAP messaging infrastructure, high-availability clusters, and massively scalable distributed systems. Some projects of our former interns include working on our enterprise portal, wireless access, or components of our many trading and risk reporting systems using various technologies such .NET, JSP, Java Servlets and SOAP.

Summer Interns receive an invitation to interview for a full-time position as a Morgan Stanley technologist in the Technology Training Program. Summer Interns who have excelled in the program but will not be graduating in the upcoming year may be invited to participate in the following year's summer program. Ultimately, the Technology Summer Program provides a solid foundation on which to build a career in technology at Morgan Stanley.

**Qualifications:** BS and MS in Computer Science, Electrical Engineering, Mathematics, Physics or related science and engineering disciplines preferred. We look for excellent problem-solving skills and the ability to adapt to a dynamic and multifaceted environment where business and technical skills are intermingled. In addition, we look for strong communication skills, the ability to work and interact with others, English proficiency and a strong academic background (a minimum GPA of 3.0/4.0).

**TO BE CONSIDERED, ALL CANDIDATES ARE REQUIRED TO APPLY  
ONLINE AT [www.morganstanley.com](http://www.morganstanley.com) ☐**

#### 10. American Express: Seeking Business Analytic

American Express is seeking highly qualified Graduate students for full-time analytical roles with Risk & Information Management. Interviews: October 22, 2008 Apply through Career Services and [www.Americanexpress.com/jobs](http://www.Americanexpress.com/jobs) (keyword:108261)

Meet our team and find out how you can make a strategic impact at a Fortune 100

company at this year's Technical and Engineering Career Fair on September 10 and Corporate Presentation on September 22!

Please note, you must be pursuing a post-graduate degree (Masters or PhD) by May 2009 and authorized to work in the United States

## 11. IBM Research is Hiring!

Dear Women's Constituency,

Opportunities still exist within IBM Research! Please share the request below with your internal and external contacts.

Note that any questions about the program should be directed to: Hunter Gilbert, Technical Recruiter, at (919) 543-5359, t/l 441 or via Notes to Hunter Gilbert/Raleigh/IBM.

We have a great opportunity for software engineers to consider working in IBM Research. The IBM Almaden Research Center (San Jose, California) and the IBM Watson Research Center (Yorktown Heights & Hawthorne, NY) are two of eight Research laboratories worldwide that make up the IBM Research division.

Currently, there are 7 Software Engineering job requisitions open at Almaden and Watson that we would like to bring to your attention and to utilize your network to reach out to current and potential qualified software engineer candidates:

- Software Engineer - Services Research-Res-0163843
- Software Engineer - Systems Storage-Res-0163863
- Healthcare Informatics Software Developer-Res-0164901
- Research Developer - Distributive, High Performance Stream Computing  
- Res - 0168676
- Social Software/Visualization Developer - Res-0167099
- Research Software Developer - Distributed Systems- Res-0169396
- Software Engineer - Natural Language Processing - Res - 0167899

If you are or if you know of a qualified software engineer, please have them apply to [ibm.com/start](http://ibm.com/start) to the specific requisition(s) of interest.

### 1. Are the openings eligible from any location?

The ideal candidate is currently located or would be willing to relocate to the various labs. However, IBM Research is open to candidates working remotely. All viable candidates are encouraged to apply.



2. Are moving and living expenses covered?

The standard relocation package (moving and temporary living expenses) is included.

3. What level of education is required?

A PhD is preferred, but is not required. IBM Research is looking for someone with a Masters degree or equivalent work experience in desired fields.

4. Will non-U.S. citizens be sponsored?

Yes, non-U.S. citizens may be sponsored.

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## SCHOLARSHIP OPORTUNITIES:

### 12. General Motors Minority Engineering and Science Scholarship Program

General Motors is pleased to announce its 2008 Minority Engineering and Science (MES) Scholarship Program offering scholarships for the 2008 - 09 academic year.

Attached is the MES application form that may be downloaded, copied and distributed to interested students and/or posted electronically. We will be relying on our university contacts to publicize this opportunity and to distribute the attached application form to interested students. All eligible students from your school should be invited to apply.

Applicants should submit their applications directly to the General Motors Scholarship Administration Center (GMSAC) no later than October 10, 2008. The verification of eligibility - including participation in the GM online assessment - will be coordinated directly between the student and the GMSAC.

### 13. HSF Scholarship

I would like to ask you for just a few minutes of your time with a small request that is very important for your students.

We will be awarding \$10,000 scholarships this fall as part of a program with Marathon Oil Corporation. They will be awarded to minority students for up to 2 years – \*a potential of \$20k per student, plus up to 3 summers of paid internships with Marathon!

\*These opportunities are open to African American, Asian/Pacific-Islander and American Indian students as well as Hispanic students.

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I am asking you to please get the information about these excellent scholarships directly into the hands of your students.\* To accomplish this, please forward this email to some of the following people, with a request that they email this information to students:

- 1) The person responsible for minority/underrepresented students in your department
- 2) The person coordinating scholarships in your department
- 3) Someone in administration/student affairs who can email this information directly to your students

\*The application deadline for this program is November 1, so please get this information to your students as soon as possible.

\*

Specific eligibility criteria and the application itself can be viewed at  
<http://www.hsf.net/Scholarships.aspx?id=464>.

If you would like to get in touch with SWE, below are the directorships and netID's:

<b>Name</b>	<b>NetID</b>	<b>Directorship</b>
<b>Kavita Baba</b>	<b>Kb273</b>	<b>President</b>
<b>Adwiti Balakrishna</b>	<b>Ab442</b>	<b>President</b>
<b>Amrita Mahtani</b>	<b>Agm39</b>	<b>Corporate Relations</b>
<b>Renee Yuen</b>	<b>Ry42</b>	<b>Corporate Relations</b>
<b>Corinne Winters</b>	<b>Caw262</b>	<b>Corporate Relations</b>
<b>Alex Woldman</b>	<b>Ayw6</b>	<b>Corporate Relations</b>
<b>Emily Swarr</b>	<b>Ecs43</b>	<b>Career Development</b>
<b>Kristie Resetco</b>	<b>Kmr53</b>	<b>Career Development</b>
<b>Alex Milaychev</b>	<b>Am495</b>	<b>Public Relations</b>
<b>Christine Pitner</b>	<b>Clp65</b>	<b>Public Relations</b>
<b>Christine Catudal</b>	<b>Clc242</b>	<b>Conference Planning</b>
<b>Liz Tutunjian</b>	<b>Eht26</b>	<b>Conference Planning</b>
<b>Barbara Wang</b>	<b>Baw39</b>	<b>Student Services</b>
<b>Michelle Zheng</b>	<b>Myz4</b>	<b>Student Services</b>
<b>Caitlin Cutter</b>	<b>Clc62</b>	<b>Fundraising</b>
<b>Danielle Brody</b>	<b>Dlb333</b>	<b>Fundraising</b>
<b>Alice Chuang</b>	<b>Acc65</b>	<b>Finance</b>
<b>Liz Corson</b>	<b>Ecc35</b>	<b>Outreach</b>
<b>Nicole Rodia</b>	<b>Ncr6</b>	<b>Outreach</b>