

Cornell SWEMAIL Academic Year 2008-2009  
Week of September 21, 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: Wednesday, October 1, 2008

## 2. Take Pictures at SWE 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

## **Research, Internship, Training, & Employment**

### 3. Info Sessions!

Procter and Gamble

September 22

5:30-7pm

101 Phillips Hall

All Majors

Bristol-Myers Squibb

September 23

6-9pm

B11 Kimball Hall

ChemE, BEE (BioMed and Biotech), Chem, Bio, and Manufacturing

Duke University Engineering Management

September 23

7pm

203 Thurston Hall

AEP, CS, MSE, BEE, EAS, OR, ChemE, ECE, CEE

Bloomberg  
September 24  
6pm  
B11 Kimball Hall  
CS, ECE

Dow Corning Corporation  
September 29  
6pm  
101 Phillips Hall  
ChemE

JPMorgan Chase & Company  
October 1  
6-8pm  
B11 Kimball Hall  
ECE, ChemE, CEE

Green Hills Software, Inc.  
October 6  
6pm  
101 Phillips Hall  
CS, ECE

FactSet Research Systems Inc.  
October 8  
7pm  
101 Phillips Hall  
CS, ECE

MicroStrategy  
October 19  
5-7pm  
101 Phillips Hall  
AEP, CS, BEE, ChemE, ECE, CEE

Epic Systems Corporation  
October 23  
7-8pm  
Phillips Lounge  
All Majors

VistaPrint  
October 28  
6:30pm  
B11 Kimball Hall

AEP, CS

#### 4. Deloitte Consulting

Hello Cornellians!

Hope you are all having a great fall semester. We at Deloitte Consulting wanted to remind you of a few key recruiting dates.

Resume Submission Deadline:

\* September 22th (Business Technology Analysts, Business Analysts, and Human Capital Analysts)

Deloitte Campus Interviews:

\* October 6 - 7, Carpenter Hall (Business Technology Analysts)

\* October 6 - 7, Barnes Hall (Business Analysts)

\* October 7/November 14, Barnes Hall/Deloitte Offices (Human Capital Analysts)

At Deloitte Consulting LLP ("Deloitte Consulting"), we are business consultants committed to delivering results. We work side-by-side with our clients to develop innovative strategies and solutions. Then, we stay around to help execute the plan.

The Business Technology Analyst program is great to consider if you are a student with a Management Information Systems, Computer Information Systems, Computer Science, Informatics, or Engineering major or background. We are recruiting for Atlanta, Austin, Bay Area (San Francisco), Boston, Chicago, Cleveland, Denver, Detroit, Washington, DC, McLean, Minneapolis, Philadelphia, Harrisburg, Houston, Irving, Kansas City, Minneapolis, Pittsburgh, Sacramento, Seattle, Southern California (Los Angeles), St. Louis, and New York City.

Feel free to reach out to me, Brian Suh

([bsuh@deloitte.com](mailto:bsuh@deloitte.com)<<mailto:bsuh@deloitte.com>>), or our campus recruiter, Emily Demich, at [edemich@deloitte.com](mailto:edemich@deloitte.com)<<mailto:edemich@deloitte.com>> with any questions about Deloitte Consulting and the recruiting process in general. Thank you very much.

Good Luck!

Jake Jolly

Business Technology Analyst

Technology Integration

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NY, NY 10004

#### 5. 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. □

#### 6. 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) □**

#### 7. IBM is Accepting Resumes!

Come learn about career opportunities with IBM Global Business Services - the world's largest consulting organization, offering opportunities and resources others simply can't match.

#### **Join a leader. Consult with us!**

When people turn to IBM consulting, what are they seeking? They are trying to imagine what their future holds. They are looking for a unique capacity to conceptualize opportunities, analyze developments, and overcome grand challenges. At the most basic level, IBM's defining value over the years has not been our assets, our size, or our offerings. *It has been the way we think.*

What will you do as an IBM consultant?

You will deliver innovative business consulting, business process design, systems integration, management and application design to leading organizations in 17 industries worldwide. With access to resources that only a global leader can provide, as a consultant you will learn valuable skills, gain access to a vast and diverse network of talented professionals, and enjoy unparalleled career, training, and educational opportunities.

**Resumes Due:                      September 29th**

**Interview Dates:                October 17th**

Visit [ibm.com/consulting/careers](http://ibm.com/consulting/careers) for more information on consulting.

#### 8. 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 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

#### 9. 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.

10. Capital One Info Session

A message from Kerry Cunningham, campus recruiter for Cornell

As we continue our successful transition into a leading financial services company, Capital One's need for strategic thinkers and problem solvers has never been more critical. We need high-performing college graduates, who have developed their superior analytical and quantitative skills in such majors as economics, mathematics, finance, accounting, engineering and other quantitatively focused disciplines.

For this reason, we again return to Cornell looking for a select group of students who want to be challenged and stretched, but who can also have the life they want outside of work.

Capital One has a 20-year commitment of seeking out the best of the best. And everyday, I see how this commitment is brought to life. Personally, after one and a half years with the Company, I still remain so impressed with my colleagues. Their intellectual rigor and analytical skills blow me away. I am confident it stacks up to—and even exceeds—any investment banking or consulting job. The difference is that this rigor and excellence occurs in a collaborative, team-oriented environment that also provides world-class development, training and mentoring.

If you excel in an intellectually robust and rigorous environment and desire meaningful responsibility from day one, consider Capital One. Currently, we are looking for Data Analysts and Business Analysts, with these positions based in Richmond, Virginia.

To learn more about these opportunities, our company and its unique, performance-based culture, I invite you to stop by the Capital One booth at the upcoming Career Fair, which is scheduled for Tuesday, September 9 and Wednesday September 10, 2008.

We will also be holding an Information Session on September 23rd which will further explain the steps of our interview process and will give you a great idea of what it's like to work at Capital One!

Best regards,  
Kerry Cunningham  
[kerry.cunningham@capitalone.com](mailto:kerry.cunningham@capitalone.com)  
Capital One Confidential

11. 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>

12. 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>>  
<<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>>  
<<mailto:lt57@cornell.edu>>, or stop by the Engineering Learning Initiatives office in 167 Olin Hall.

## **Scholarship Opportunities**

### **13. 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.

### **14. 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.

\*

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>.

### **15. Goldwater Scholarship**

Are you a sophomore or junior with a GPA of 3.85 or higher? Do you intend to pursue a career in mathematics, the natural sciences, or some fields of engineering? Is your ultimate educational goal a Ph.D.? The Barry M. Goldwater Scholarship covers undergraduate expenses up to \$7,500. Cornell endorsement is required.

Interested? If so, come to the  
GOLDWATER SCHOLARSHIP INFORMATION SESSION  
Monday, September 22, 2008  
4:35 p.m., 103 Barnes Hall

See <http://www.career.cornell.edu/fellowships/descriptions/goldwater.html> for more information. If you can't attend the session, call 255-6931 to schedule an appointment.

Misc:

#### 16. Contact Information!

Name, Directorship, Netid

Kavita Baba, President, kb273  
Adwiti Balakrishna, President, ab422  
Amrita Mahtani, Corporate Relations, agm39  
Renee Yuen, Corporate Relations, ry42  
Corinne Winters, Corporate Relations, caw262  
Alex Woldman, Corporate Relations, ayw6  
Emily Swarr, Career Development, ecs43  
Kristie Resetco, Career Development, kmr53  
Alex Milaychev, Public Relations, am495  
Christine Pitner, Public Relations, clp65  
Christine Catudal, Conference Planning, clc242  
Liz Tutunjian, Conference Planning, eht26  
Barbara Wang, Student Services, baw39  
Michelle Zheng, Student Services, myz4  
Caitlin Cutter, Fundraising, clc62  
Danielle Brody, Fundraising, dlb333  
Alice Chuang, Finance, acc65  
Liz Corson, Outreach, ecc35  
Nicole Rodia, Outreach, ncr6

#### 17. Adding something to SWEmail!

If you wish to have an ad or blurb in the SWEmail, please send it to [cornellswe@gmail.com](mailto:cornellswe@gmail.com) by 12 pm Sunday.