Cornell SWEMAIL Academic Year 2008-2009
Week of October 19, 2008
Society of Women Engineers

Contents:

SWE Events:

1. Take Pictures at SWE Events!

Research, Internship, Training, & Employment
2. Exxon Mobil Info Session -- Sponsored by SWE and the JGSM Energy Club
3. Info Sessions
4. APPLY BY 10/19 TO J.P. MORGAN'S WINNING WOMEN LEADERSHIP EVENTS
5. The Deloitte Consulting Experience Program - Fall 2009
6. NYSE seeking technologists
7. Little Known Co-Op Fact
8. Chappella Mayweather: Pepsi's Campus Development Program
9. Morgan Stanley: Training Program Job
10. Morgan Stanley: Technology Summer Job
11. American Express: Seeking Business Analytic
12. Job Opportunities with QUALCOMM
13. Schlumberger – Women In Technology

Scholarship Opportunities

14. HSF Scholarship

Misc
15. Volunteers needed for Middle School Science Club!
16. Request for a Chem Tutor!
17. Join AquaClara!
18. M-Eng Career Fair
19. Contact Information
20. Adding something to SWEmail!

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

SWE Events:

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1. 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


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Research, Internship, Training, & Employment
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2. Exxon Mobil Info Session -- Sponsored by SWE and the JGSM Energy Club

Exxon Mobil Corporation-- The VP of Exxon Mobil and member of the
National SWE Corporate board, Elissa Sterry, will be speaking to Cornell
students.

October 28th, 5pm - 6pm
B05 Sage Hall

The presentation provides ExxonMobil's global Energy Outlook, with an
assessment of supply and demand through 2030. This outlook emphasizes the
link between economic progress and energy consumption, and examines the
underlying factors that are shaping important energy supply and demand
challenges around the world.

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3. Info Sessions!
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MicroStrategy
10/19
5-7pm
Phillips 101
AEP, CS, BEE, ChemE, ECE, CEE

"Careers in Sales" presented by Cisco
10/21
6pm
205 Thurston

Infosys Technologies Ltd.

10/22
6pm
B14 Hollister
CS, ECE, CEE, ISST, MAE, ORIE

Air Products and Chemicals, Inc.
10/22
6pm
ChemE, MAE

Carrier Corporation, a division of United Technologies
10/23
6-8pm
OR, ECE, ChemE, CEE

Epic Systems Corporation
10/23
7-8pm
Phillips Lounge
All Majors

Sunoco
10/27
5pm
B11 Kimball
MSE, OR, ChemE, ECE

3M Company
10/27
7pm
Phillips Lounge
MechE, ChemE, ECE, MSE, OR, CS

VistaPrint
10/28
6:30pm
B11 Kimball
AEP, CS

Corning Inc.
10/29
5:30pm
B11 Kimball
MSE, ChemE, ECE, OR

4. APPLY BY 10/19 TO J.P. MORGAN'S WINNING WOMEN LEADERSHIP EVENTS.

Who: Top female sophomore or junior undergraduates from any major
What: Get an inside look at what working at J.P. Morgan is really like. Network with senior leaders and your peers; take part in skill-building sessions, interactive presentations, job shadows, and workshops; learn about our top-ranked Summer Analyst program and the different career opportunities at J.P. Morgan.
Apply by: October 19, 2008
More info: Check out the attached flyer and visit jpmorgan.com/winningwomen

This is where you need to be.

5. **The Deloitte Consulting Experience Program - Fall 2009**

Overview

The Deloitte Consulting Experience program is a case study challenge offering participants the opportunity to work collaboratively to design a solution to a complex business issue. Through the program participants will hone skills that are keys to success in today's business environment: critical problem solving, teamwork, and presentation skills. Additionally, participants will learn more about the consulting lifestyle, receive coaching from experienced Deloitte practitioners, and present the case to senior level Deloitte executives.

Participants will be working in teams of four, and will be expected to give a ten minutes presentation on their case study solution. The winning team will receive a prize.

Schedule

Participants will be expected to participate in two live sessions that will take place on the Cornell campus as well as work independently on the case study presentation.

Session 1: Session 1 will take place from 10 am to 3 pm on November 1st at the Statler Hotel on the Cornell campus in Ithaca, NY. Participants will be introduced to the typical day in the life of a consultant as well as receive an overview of the Deloitte Service lines. Participants will have the opportunity to meet the Deloitte practitioners leading the program as well as their case study team members. An overview of the case study challenge will be provided. Lunch will be served.

Session 2: Session 2 will be a one-hour virtual checkpoint session (conference call) to be scheduled between November 7th to November 11th based on the participant availability. This session is intended to give each case study team the opportunity to ask questions and receive feedback from Deloitte practitioners on their case study ideas.

Session 3: Session 3 will take place from 4 pm to 7 pm on November 15th at the Statler Hotel on the Cornell campus in Ithaca, NY. Participants will present their case study solutions and receive feedback from the judges. The winning team will be announced and prizes awarded. The session will be followed by a networking dinner at Banfi's restaurant at the Statler Hotel.

Participant Selection

Resume drop is currently open on Career Net (**Deadline October 20th**), sophomores and juniors from all colleges / majors are eligible to apply. Twelve to sixteen student participants will be selected to take part in the case study challenge.

Please email any question to Wai Siow (wsiow@deloitte.com) or Liz Novak (elinovak@deloitte.com)

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New York, NY 10004

6. NYSE seeking technologists
Hi,
The NYSE is looking for bright technologists to join our 2009
technology
development program. This is a terrific program that I'm sure your club
members will find to be a great opportunity. I have attached the job
description as well as a link to our website. Anyone interested is
invited
to email their resumes to dreese@nyx.com.

  Thank you,

7. Little Known Co-op Fact

FACT: Any employer can participate in Co-op.

Did you have an excellent summer internship? Ask the employer to hire
you
back as a Co-op.

Are you LOOKING for your first "REAL ENGINEERING EXPERIENCE"? Over 60
employers will interview Cornell Engineering students for Co-op
positions in February. You can also meet with a staff member to
discuss strategies for finding the Co-op employer of your dreams.

Attend the Co-op Registration Meeting on either October 8 or 22 to
learn how to participate in the Co-op Program! Both meetings will be
held in Kimball B11 at 4:45 p.m. and will last 1 hour.

We hope to see you there!
Christa & Amanda
www.engineering.cornell.edu/coop

8. Chappella Mayweather: Pepsi's Campus Development Program currently
seeking 2009 graduates!

Greetings!
My name is Chappella Mayweather, Sr. Talent Acquisition Specialist with
The Pepsi Bottling Group. In my current role with The Pepsi Bottling
Group, I am tasked with sourcing high caliber talent and would greatly
appreciate it if you would make 2009 graduates aware of The Pepsi
Bottling Group's Sales and Operations Development Programs. Since its'
inception in 2000, PBG has hired more than 800 undergraduate students

through these programs. While my focus is on staffing our northeast region, both programs are national.

We are currently seeking 2009 graduates with an interest in Sales or Manufacturing Operations careers (related internship experience preferred). Please advise interested candidates to apply via www.pbgjobs.com/campus.

Warm regards, Chappella Mayweather, Sr. Talent Acquisition Specialist The Pepsi Bottling Group

View discussion:
http://www.linkedin.com/e/ava/120156/51672/add-qa-disc-cnhOon0JumNFomgJt7dBpSBA/

9. 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.

10. 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

11. 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
(keyword:108261)

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

12. Job Opportunities with QUALCOMM

Hello –
 I'm part of the college recruiting team at QUALCOMM and we wanted to make you and other members of the Society of Women Engineers at Cornell University aware of full-time and summer internship opportunities that are available in the areas of Hardware, Software, Systems & IC Design Engineer. Below is brief information about each role and the job descriptions can be viewed in their entirety on Experience through Cornell's Career Services Website.
Please email your resume to qualcomm@on-campus.com for consideration.
Thanks –
QUALCOMM College Recruiting Team
Hardware Engineer – New Grad & Intern
•   Positions Include: RFIC Design, Board and FPGA Design, Digital Design, Mixed Signal Design, RF/Analog Design, Design Verification
•   Requirements: Bachelor's, Master's or PhD degree in Electrical Engineering or Computer Engineering
Software Engineer – New Grad & Intern
•   Positions Include: Embedded C/C++, Real time OS Development, Multimedia Applications, Object Oriented and UI Design
•   Requirements: Bachelor's, Master's, or PhD in Computer Science or Computer Engineering
Systems Engineer – New Grad & Intern
•   Positions Include: Wireless Modem Firmware, Physical Layer Systems Design, Audio/Video Multimedia Systems, MAC Layer Systems Design, Digital Signal Processing, ODFM Systems Development
•   Requirements: Master's or PhD degree in Electrical Engineering, Computer Science or Computer Engineering
IC Design Engineer (RF/Mixed Signal/Power) – New Grad & Intern
•   Positions Include: RFIC Design, Analog/Mixed Signal Design, PMIC Design
•   Requirements: Coursework or research towards a PhD, Master's degree in E.E. Classes: RF and/or Analog/Mixed Signal design and theory, analog/mixed signal design in CMOS or bipolar, semi conductor physics and communication theory.
About QUALCOMM:
Ranked #8 by Fortune Magazine's annual "100 Best Companies to Work For" and headquartered in San Diego, QUALCOMM develops, manufactures, markets, licenses, and operates advanced 3G communications systems and products based on its proprietary digital wireless technologies. To ensure that the entire wireless industry is inspired and continues to evolve, innovate and experience success, QUALCOMM develops its

technologies and solutions for the purpose of enabling key participants
in the wireless value chain.

13. Schlumberger – Women In Technology

Dear SWE at Cornell,

Schlumberger cordially announces the 2nd Annual
Women In Technology Conference – a full day
showcasing Schlumberger, our technology, and women in the oil industry.

We would like to invite one of your team members
to this event which going to be held

Women in Technology Conference
Research, Engineering, Manufacturing, & Sustaining (REMS)

November 14-15, 2008
Sugar Land Technology Center
Sugar Land, TX

The disciplines who we are looking for are

Mechanical Engineers
Electrical Engineers
Computer Sc
Computer Engg
Industrial Engineers - Manufacturing / Supply Chain.

Please send the resume to
<mailto:womenintechnology@slb.com>womenintechnology@slb.com
with the subject "WIT" or to me with the name of
the individual from your group.

Thanks,
Anil

Anil Rajan
Schlumberger
NAM REMS Recruiter
www.slb.com/careers

Scholarship Opportunities

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.

Misc...

15. Volunteers needed for Middle School Science Club!

We are again running our middle school science clubs for girls... And
our first field trip is coming up! I am hoping to include more
undergraduates in this program because let's face it you are cooler
than I am and middle school girls want to be just like you...

First field trip to Buffalo Museum of Science, Saturday Nov 8. We
would leave at 8am and return around 7pm. We would provide snacks in
the car and lunch and you would have the opportunity to show a 12 year
old girl that engineering is great. Please email me if you are
interested, we need about 4 volunteers for the day. JRW85.

16. Request for a Chem Tutor!

If anyone did well in ChemE 112, and is interested in tutoring a
student (potentially for pay!), please contact Emily at
enb44@cornell.edu.

17. Join AquaClara!

Familiar with LabVIEW? Join AguaClara!

Aguaclara is seeking a student with experience programming in LabVIEW
to help create our online design tool. The specific task is to

interface between MathCAD and AutoCAD using Active X so that the
AguaClara water treatment plant designs can be accessed via the
internet. This could count as a Masters of Engineering Design Project.

For further information or expressions of interest email
ajd47@cornell.edu.

18. M-Eng Career Fair!
The College of Engineering will be having their MEng College Fair on
October 24th, from 12:00-2:00pm, in the Duffield Atrium. Every
Engineering Field will be available to provide information regarding
their various fields, along with staff and students present to answer
any questions you may have. If you could pass along this information to
your members, it would be greatly appreciated. The importance of a
Masters degree in Engineering, is becoming increasingly popular among
our area companies, because of this we want to present all of our
students with the opportunity to learn more, as they move forward in
their academic careers.

19. Contact Information!

Name, Directorship, Netid

Kavita Baba, President, kb273
Adwiti Balakrishna, President, ab442
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

20. Adding something to SWEmail!
If you wish to have an ad or blurb in the SWEmail, please send it to
cornellswe@gmail.com by 12 pm Sunday.

Have a great week, ladies!
Alex and Christine