Contents:

SWE Events:

1. Take Pictures at SWE Events!
2. SWE’s 5K!

Research, Internship, Training, & Employment
3. UBS Voyager Program: APPLY TODAY!
4. Info Sessions
5. Merrill Lynch Panel for Summer Programs
6. Samsung
7. ConocoPhillips interning Environmental Engineers
8. Little Known Co-Op Fact
9. Chappella Mayweather: Pepsi's Campus Development Program
10. Morgan Stanley: Training Program Job
11. Morgan Stanley: Technology Summer Job
12. American Express: Seeking Business Analytic
13. IBM Research is Hiring!
14. Job Opportunities with QUALCOMM
15. Schlumberger – Women In Technology

Scholarship Opportunities
16. General Motors Minority Engineering and Science Scholarship Program
17. HSF Scholarship
18. The J.P. Morgan Launching Leaders Undergraduate Scholarship

Misc
19. Volunteers needed for Middle School Science Club!
20. Request for a Chem Tutor!
21. Join AquaClara!
22. M-Eng Career Fair
23. Contact Information
24. Adding something to SWEmail!
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. 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

2. SWE’s 5k!

SWE is holding its annual 5k run Saturday October 18th from 11am-1pm.
Guest performance by CallbaXX A Cappella and prizes totalling over $100
in value will be given out to top three runners! This is a great way to
network with SWE members and nonmembers. Men are welcome as well!
All proceeds will go to Communities in Schools, a drop-out prevention
organization.
Preregistration fee is $10, or $15 if you would like a shirt
Registration the day of the race is $12, or $17 if you would like a shirt.
Email sgv3@cornell.edu for more information or pick-up a registration form
in Olin on SWE’s corkboard and return it to the DPE office.

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Research, Internship, Training, & Employment

3. UBS Voyager Program: APPLY TODAY!

Overview  UBS Voyager Program participants will have the opportunity to
spend a day immersed within one of the divisions of our Investment Bank.
Highlights will include: one on one meetings with line representatives, a
round table discussion with UBS senior leaders and a networking event
with all participants. **Apply today!**

**Details**
- Location: UBS Offices in New York, NY and Stamford, CT
- Date: Friday, November 14, 2008

**Eligibility Criteria**
- Class: Juniors interested in Financial Services
- GPA: Minimum 3.4

Note: All majors are welcome

**Application Requirements**

1) Applicants are required to submit a resume as well as respond to the following question:

   *If you had the opportunity to speak with a prominent figure from the present or past, whom would you select and why and what two questions would you ask?*

   Please respond in 500 words or less with your name in the upper right hand corner of the page.

2) Finally, please rank your top three business areas of interest from the following:

   Chief Operating Office, Equities, Finance, Fixed Income, Information Technology, Investment Banking, Operations, Risk

**Application Process**

Deadline: Applications are due **Friday, October 17, 2008**. E-mail all materials as attachments with "Voyager Program" as the subject line to: voyager@ubs.com.

Process: Resume review and possible phone interview.

Notification: All candidates will be notified of their status by **Friday, October 31, 2008**.

It starts with you: [www.ubs.com/graduates](http://www.ubs.com/graduates) UBS is an Equal Opportunity Employer committed to diversity in its workplace.

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4. Info Sessions!

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

Carrier Corporation
October 23
6-8pm
Upson Lounge
OR, ECE, ChemE, CEE

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

VistaPrint
October 28
6:30pm
B11 Kimball Hall
AEP, CS

Corning Inc.
October 29
6pm
B11 Kimball Hall
MSE, ChemE, ECE, OR

5. Merrill Lynch Panel for Summer Programs

Merrill Lynch
October 15th, 6pm
Lewis Auditorium, Goldwin Smith Hall

Three panelists, a senior at Cornell that just accepted her offer, an analyst and an associate (who are both Cornell alum), will speak about the summer program and the working environment. Come find out about opportunities with Merrill Lynch!
Pizza will be served!

6. Greetings from Samsung Electronics!

I am very pleased to pass along the following opportunity for the students of Cornell University to apply for the internship and full time positions at Samsung Electronics.
Samsung Electronics, one of the world’s leading companies in its field, is
currently looking for talented young graduate students from Cornell Engineering School for the following positions: Electrical Engineer and Software Engineer/Developer.

We are now looking for applicants who are:
- motivated by challenging work
- looking for new and exciting opportunities in their future career
- interested in starting their career in a dynamic global setting
- masters and PhD students pursuing their degree in Electrical/Electronic Engineering, Computer Science, or another related field

Qualified applicants will spend several weeks of internship training at the beautiful campus of Samsung Electronics in South Korea, and will have the opportunity to work with talented individuals from all over the world. Internships will be followed by full-time offers upon successful completion. For PhD candidates, a technical seminar will replace the internship training.

Detailed information regarding this opportunity will be announced during the campus information session and on-campus pre-interviews which will take place on 10/3/08, Friday from 4:00 pm at Terrace Lounge, Statler Hotel. (*Please prepare a hard copy of your resume to the information session.)

We will be giving out complimentary gifts at the end of the session. Food and refreshments will be provided as well. Please RSVP (with your resume if available) at e.recruit@samsung.com if you plan to attend.

Thank you for your interest, and we look forward to meeting you soon.

Sincerely,

Samsung Electronics Recruiting Team

Hongmin Moon
Recruiting Manager
Samsung Electronics Co., Ltd.
+82) 2-728-4216 [7-11pm (ET)]
e.recruit@samsung.com

7. ConocoPhillips interning Environmental Engineers

ConocoPhillips will be on campus October 9th to interview for summer internships in the Environmental Engineering discipline. An interest in the Environmental function is the most important requirement, many disciplines will be considered (Chem. Eng., Civil Eng., Env. Eng., Chemistry, Life Sciences, etc.) We still have some interview slots open so if you are interested connect with the Career Center to get signed up. An information session will be held the previous night at 5:30 in Hollister Hall B-14. All are welcome.

Keith Coffman
p. 832.486.3902
c. 281.799.0624

8. 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

9. 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/

10. 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.

11. 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

12. American Express: Seeking Business Analytic

American Express is seeking highly qualified Graduate students for full-time analytical roles with Risk & Information Management.

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

13. 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
- 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 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.

14. 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**

IC Design Engineer (RF/Mixed Signal/Power) – New Grad & Intern

- **Requirements:** Master's or PhD degree in Electrical Engineering, Computer Science or Computer Engineering

**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.

15. 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

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Scholarship Opportunities

16. 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.

17. 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.

18. The J.P. Morgan Launching Leaders Undergraduate Scholarship

J.P. Morgan’s Launching Leaders does exactly what you might expect: promotes talent, jumpstarts careers and launches our next generation of leaders.

The J.P. Morgan Launching Leaders Undergraduate Scholarship is for top Black, Hispanic and Native American sophomores. All Scholarship winners receive Summer Analyst positions as well as awards of up to $10,000 a year - money that goes directly to you.

We offer Summer Analyst roles in Investment Banking, Sales & Trading and Research. Applications are due October 15, 2008. For more information and to apply, visit: jpmorgan.com/launchingleaders

This is where you need to be.

Misc...
19. 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.

20. 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.

21. Join AquaClara!

Familiar with LabVIEW? Join AquaClara!

Aquaclara 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 AquaClara 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.

22. 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.

23. Contact Information!

Name, Directorship, Netid
24. 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