Dear CSE Students:

Welcome to the first newsletter of the summer 2013 semester.

**News from the Undergraduate Program:** If you need classes for the Fall semester, please contact Yvette Blanchard to be put on the waiting list. If you are on the waiting list, watch your e-mail. Have a great summer!

**News from the Graduate Program:** If you will be defending and graduating this Summer or Fall 2013, please review the College of Engineering Thesis/Dissertation Format Guide. The guide is available under Student Services/Graduation (http://www2.eng.usf.edu/studentServices/graduation.htm) or you can pick up a hard copy in Catherine Burton’s office. Please check the CSE Calendar of Events on a regular basis for all deadlines and events.

Attached are announcements for the following (please note that this listing does not imply University or Department endorsement in any way):

- Start-Up Weekend in St. Petersburg
- Dawning Technologies seeking full-time Software Engineer
- Student Contractor needed for U.S. Geological Survey
- Position available at Citigroup
- Jabil Design looking for Application Development intern

Regards,

Ken Christensen
Director of the Undergraduate Program (and Newsletter Editor)
Email: christen@csee.usf.edu
Startup Weekend is a non-profit, community-building event that brings together entrepreneurs of different backgrounds, including software developers, marketers, designers, and other enthusiasts. Attendees gather to pitch ideas, form teams and start companies in just 54 hours.

Participants have 60 seconds to make a pitch (optional). The pitches are whittled down to the top ideas (usually ten), and then teams form around the ideas, producing projects and even companies. On Sunday a panel of judges and potential investors rate the startups and three winners are chosen.

In addition to networking with like-minded people, building a startup from ground up, mentorship from industry leaders, you will also receive resources from local and global companies to help you succeed. Startup weekend Tampa also provides attendees with breakfast, lunch and dinner daily. Unlimited drinks and snacks. Oh, did we mention awesome swag?!?

www.tampabay.startupweekend.com
Full-Time Software Engineer Position Available

Dawning Technologies, Inc., an electronic design and manufacturing company primarily active in the medical market, is seeking a Software Engineer for our expanding operations in Fort Myers, Florida. This position requires a four-year RIT degree in Software Engineering, Computer Science, or Computer Engineering and relevant work experience.

The ideal candidate for this position should have the following skills:

- Excellent knowledge Object Oriented Design, design patterns and testing techniques using Java SE. Java EE knowledge helpful.
- Knowledge of good database design techniques and the ability to interface them using Hibernate, POJOs, and JDBC connections.
- Knowledge of JUnit, Ant, and other testing strategies
- Working knowledge of GWT, Flex, JavaFX or other Rich Internet Applications helpful.
- SOAP, Web Services or other enterprise development experience a plus
- A good understanding of data communication techniques
- A working knowledge of Linux

The primary responsibilities of the position will be to aid in the development, testing and release of software used in medical device connectivity as well as the high level end user systems used to monitor the connectivity. The position will also be required to take an active role in the design of new technologies or features to be used in our ever-growing product portfolio. Additional responsibilities may include researching new ways to deliver our existing Java products over the web.

This position reports to an inter-department engineering manager. Dawning provides a comprehensive benefits package including majority paid healthcare, company matching IRA Plan and vacation.

Please submit resume and cover letter to Greg Schallert at hrswfl@dawning.com.
The U.S. Geological Survey’s Coastal and Marine Science Center is looking to fill a part-time (12-32 hours/week) student contractor position beginning in the Summer 2013 lasting till at least the end of the Fall semester, with possible extension. We are looking for a student who has completed two years of college in computer science and/or geography with web development skills specifically in Ruby, Javascript, PHP, Python, or HTML. The student should have basic knowledge of GIS, Web Map Services, and database design in MySQL or PostgreSQL.

The student will be exposed to a wide range of geographic research, including crisis crowdsourcing, online mapping (OpenStreetMap), and citizen science.

If you have questions on the position or would like to submit a resume, please contact Leslie Bearden lbearden@usgs.gov by Friday, June 21, 2013.
Position at Citigroup

Skill set required:
Candidates applying for the job should be highly motivated and feel responsible. Working knowledge of Unix systems and writing shell scripts or automating jobs in Unix or Windows environment is a plus. Desirable candidate should be willing to learn new technologies. Candidate with “can do” attitude and willing to spend extra time in learning necessary technologies for the job is a must. Excellent Oral and Written communication skills are required. Being a team player and working with different teams and coordinating with different teams in executing the projects is a quality that is very much desired. Candidate should possess an analytical and inquiring mind with strong problem solving skills.

Job requirements:
Candidates can work on different technologies. Depending on their interests they can Either Work on Windows based technology like SharePoint or can work on Oracle based technologies like WebCenter or Oracle Applications (ERP). Will have to participate in upgrades of database and middle-ware Installations of these technologies and impact analysis of upgrades on the project is something that the candidate have to perform. Will have to be working in a team under the supervision of a team lead.

Applications could be emailed to Prakash Chaplot at prakash.chaplot@citi.com.
Hiring Supervisor
Marc Braga – Marc_Braga@Jabil.com

Department
Jabil Design Engineering

Title
Application Development Intern

Summary
The Application Development Intern will be responsible for supporting existing systems as well as developing new technologies. The ideal candidate must display excellent written and oral skills and must be able to work in a varied, fast paced environment.

Primary Duties and Responsibilities

- Develop new web applications as identified by supervisor through packaged and customized applications.
- Maintain and enhance existing web applications.
- Perform complete testing of web applications, engaging users as necessary.
- Develop database-driven web interfaces for rapid, real-time information sharing.
- Develop external web portals allowing users to input and retrieve accurate information.
- Participate in code review and architecture sessions.
- Candidate must be a team player and willing to teach and learn.

Education/Experience

- Able to work independently and efficiently to meet deadlines.
- Able to promptly answer support related email, phone calls and other electronic communications.
- Self motivated, detail-oriented and organized.
- Experience with hardware and software issues.
- Proficient in Internet related applications such as E-Mail clients, SVN, FTP clients and Web Browsers.
- Excellent communication (oral and written), interpersonal, organizational, and presentation skills.

Qualifications

- Bachelors degree in computer science, MIS or related experience. Enrolled students welcome.
- Must possess strong skills in C#, SQL, ASP.net
- Must possess strong knowledge of Object Oriented Programming
- Must have experience with CSS, Javascript and/or jQuery
- Ability to follow coding and design standards a must.
- Experience with Telerik’s RadControls for ASP.net AJAX a plus
- Strong attention to detail
- Experience with Visual Studio

Key Performance Measures:

- Successful delivery of assigned application development tasks and projects.
- Excellent customer service experiences by internal and external customers.
- Effective collaboration with teammates and the organization.
- Positive contributions to the organization beyond the scope of normal responsibilities.