Dear CSE Students:

Welcome to the first newsletter of the spring 2014 semester.

**News from the Undergraduate Program:** Happy New Year! I hope that you have a great spring semester. The undergraduate advisor walk-in office hours for spring 2014 are: Monday/Wednesday 1:00pm-2:30pm and Tuesday/Thursday 10:30am-12:00pm.

**News from the Graduate Program:** Happy New Year and welcome to a new semester! For those of you planning to defend this semester, please be sure to check your email regularly for emails from Catherine Burton about deadline information. If you are taking the Ph.D. Qualifiers this semester, the deadline to sign-up is Friday, January 10. Please remember to check to CSE Graduate Calendar of Events on our website on a regular basis for important deadlines and events.

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

- Google is coming to USF to recruit (January 21st and January 22nd)
- Johns Hopkins computational sensing and medical robotics (CSMR REU)
- University of Pittsburgh Summer Research in Computational Biology
- Buick Achievers scholarship program
- QLink Wireless Entry Level Software Developer (Dania Beach)
- 3M Student Program Internship – Software Developer
- Nielsen Stampede Event
- Virtual Medical Technology Developer – Part-time, On-campus Job

Regards,

Ken Christensen
Director of the Undergraduate Program (and Newsletter Editor)
Email: christen@csee.usf.edu

The archive of old newsletters can be found at http://www.csee.usf.edu/newsletter
is coming to campus to recruit. Details are forthcoming. Please reserve January 21 and 22 for this event (talk and screening on the 21st, interviews on the 22nd).

Watch your email!
RESEARCH EXPERIENCE FOR UNDERGRADUATES IN COMPUTATIONAL SENSING AND MEDICAL ROBOTICS (CSMR REU)

Summer projects under the guidance of Hopkins faculty and graduate students.

Dates: May 27, 2014- August 1, 2014
Stipend and Housing are provided.

APPLICATIONS DUE BY: February 21, 2014
To Learn More :- https://www.lcsr.jhu.edu/Education/REU
Phone: (410) 516-6841/ E-mail: asampath@jhu.edu
Training and Experimentation in Computational Biology

May 19 – July 25        www.tecbioreou.pitt.edu

Student Scholarship includes:

$5000 Stipend + Housing and Travel

Apply by: March 2, 2014

Who should apply?

- students in life, physical, & computer sciences or engineering
- rising juniors/seniors who are US citizens or permanent residents
- students representing minority groups or from small colleges & universities are highly encouraged to apply.
WE WANT TO RECOGNIZE COMMUNITY-MINDED STUDENTS.

Visit buickachievers.com for program details and the online application.

Deadline: February 28, 2014 5:00 p.m. EST

We encourage the following to apply:

- High school seniors and current undergraduates
- Those who plan to enroll full time at a four-year college or university in 2014-2015
- Those who plan to major in a field of study that focuses on engineering, technology, design or business, with an interest in the automotive industry.

SCHOLARSHIPS UP TO $100,000 AVAILABLE

AWARDED AT UP TO $25,000/YEAR

Applications are now open for the Buick Achievers Scholarship Program! Are there students you know who are dedicated both inside and outside the classroom? Those who drive positive change in their communities? We want to celebrate these lives by helping make college dreams a reality. Don't miss this opportunity. Help us find and reach the Buick Achievers of 2014!
BUICK: INSPIRING, CELEBRATING, AND ENABLING HUMAN ACHIEVEMENT

Proudly funded by the GM Foundation.

Scholarship Management Services: One Scholarship Way, Saint Peter, MN 56082
Job Opening: Entry Level Software Developer

Location: Dania Beach, Florida. Onsite ONLY

Company: Q Link Wireless provides cellular service as an MVNO. We also participate in the Lifeline Government Program.

Requirements: Legally able to work in the US & Wanting to live in South Florida.
Bachelor’s Degree in Computer related field.
Experience with Microsoft.NET & various web technologies such as JavaScript & ASP.NET
Pay attention to detail.
Quick Learner, good communication skills.
Learns & Improves from mistakes, does not continuously make the same mistakes.

Position: You will be responsible in creating various types of programs (web/windows/service/sql/etc...) predominantly in a Windows environment. Almost all software is built in house. There is huge learning potential here.

Technologies: We are primarily Microsoft based. We do have PBXes (FreePBX) that are LINUX based. We also will be working with WP8, iPhone, Android in the near future.
Student Program Internship - Software Developer

Odessa, FL-1308449

Organization: Safety & Graphics Business Group

Primary Location: USA Region-United States-Florida-Odessa

Job Type: Student Programs

Description

3M is seeking a Software Developer Intern for 3M Electronic Monitoring located in Odessa, FL.

Job Summary:

An intern position is a temporary assignment with 3M’s Corporate Student Programs. This position is targeted to start in January, 2014 working a minimum of 16+ hours weekly during the academic year and 40 hours per week during the summer months. Corporate Student Programs is designed to provide 3M with the opportunity to identify qualified candidates for regular employment, and to provide students with the opportunity to integrate their academic knowledge with work experience. As a Student Programs participant located in Odessa, FL you will develop skills, and gain work experience in your field of study.

This position is limited to working 899 hours per service credit year.

Primary Responsibilities include but are not limited to the following:
- Familiarizes themselves with several third-party APIs for producing web-based maps
- Uses JavaScript to produce an API that acts as an adapter layer for seamlessly calling multiple third-party APIs using a common interface
- Refactors existing code to use the new adapter layer API
- Creates automated tests using a testing suite such as QUnit

Must be legally authorized to work in country of employment without sponsorship for employment visa status (e.g., H1B status).

Qualifications

Basic Qualifications:
- Currently pursuing a bachelor’s degree or higher in Computer Science, Computer Engineering or Computer Information Systems from an accredited university
- Minimum of a cumulative 3.0 GPA on a 4.0 scale
- Experience with and/or completed a course in object-oriented programming language (C#, VB .NET, Java, C++)
- Experience with HTML

Preferred Qualifications:
- Completed at a minimum your junior level of curriculum by date available to work
- At least 1 year of experience developing web applications using ASP .NET
- Completion of a course in Data Structures
• Experience with jQuery or similar JavaScript libraries
• Experience building responsive single-page web applications using AJAX
• Experience using a third-party API (ex. Google Maps)
• Familiarity with design patterns such as adapter, singleton, factory, decorator
• Demonstrated knowledge of Object-Oriented principles such as classes, objects, interfaces, inheritance, polymorphism and abstraction
• Understanding of JavaScript language

About 3M

With a presence in more than 25 countries, 3M Electronic Monitoring is a leading global provider of presence and location verification technologies for the criminal justice industry. We offer a complete suite of proprietary products and services. Our solutions can be customized, and are based upon a full-featured, integrated platform that is scalable and highly flexible to meet each organization’s unique needs now and in the future. As an industry innovator, 3M Electronic Monitoring offers technologies to support law enforcement, corrections, and security operations.

3M captures the spark of new ideas and transforms them into thousands of ingenious products. Our culture of creative collaboration inspires a never-ending stream of powerful technologies that make life better. 3M is the innovation company that never stops inventing. With $27 billion in sales, 3M employs about 80,000 people worldwide and has operations in more than 65 countries. For more information, visit http://us.lrd.yahoo.com/SIG=15rp5itg8/**http:/cts.businesswire.com/ct/CT?id=smartlink&url=http://ww w.3M.com&esheet=6627509&lan=en-US&anchor=www.3M.com&index=1&md5=d97e6d24dbc1a38178e1dde881ffeace6 or follow @3MNews on Twitter.

Employment Statement

Apply now for this exciting opportunity with 3M. 3M is an EEO/AA employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

https://mmm.taleo.net/careersection/w2_2/jobdetail.ftl?lang=en&job=1308449
Nielsen Stampede Event

 Nielsen Stampede

JOIN THE HERD AND STAMPEDE THROUGH NIELSEN'S CAMPUS

We’re ropin’ in great speakers to share industry insights and will also be opening our Innovation Expo that will show you all the cool products we are developing. This is brand new to Nielsen and has yet to be shared with USF!

JOIN US FRIDAY, JANUARY 24
10AM - 2PM

Don’t miss out on this exciting opportunity!

R.S.V.P. HERE Today!

Spaces are limited, please RSVP by 1/16/13
Virtual Medical Technology Developer- Part-time, On-campus Job

Seeking a Computer Science and/or Engineering undergraduate or graduate student for a part-time on-campus **Virtual Medical Technology Developer Position** starting in January 2014. The student will be part of a novel technology creation. The student will be working on novel creation of medical and surgical technology.

**Skills:**
- C# or C++ - over 2 years of experience required
- Unity3D - a plus, but not required
- Matlab - a plus but, not required
- Position Tracking - a plus, but not required

**Personal skills:**
- Work well with a team and independently
- Creativity and problem solving skills are expected

**Hours and salary:**
- Work hours are flexible with an expectation of 10 hours per week. The salary is $20 per hour.

**Contact:**

Segundo Jaime Gonzalez, MD
Segundo.gonzalez@moffitt.org