Dear CSE Students:

Welcome to the third newsletter of the fall 2014 semester.

**Undergraduate Program (CS and CpE):** See the first attachment of this newsletter!

**Undergraduate Program (IT):** Registration for Spring 2015 opens in November. Make an advising appointment within the next few weeks to discuss your class schedule for Spring. Beat the holiday rush and schedule your appointment before the end of the semester and finals. You will have a much better selection of classes. See you soon!

**Graduate Program:** For those of you planning to defend this semester, please remember that I need the defense announcement sent to me via email two weeks prior to the defense. You may contact the front desk to reserve a room, laptop and projector. Please be sure to check the calendar of events on the CSE Graduate website for all important deadlines. If you have any questions or concerns, please stop by my office.

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

- Spring 2015 graduation from Tina Kouri (for CS and CpE majors)
- Seeking Volunteers for a Computer Science Road Show
- Ford Foundation Fellowships
- Tampa Citi Service Center Tampa Expo
- MindSumo projects
- Orthotic and Prosthetic Solutions – Internship
- 3M Student Programs Internship – Quality Engineer (Odessa, FL)
- 3M Student Programs Internship – Computer Engineer (Odessa, FL)
- Contract jobs from a local recruiter

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.cse.usf.edu/newsletter
Computer Science and Computer Engineering Students,
If you are planning to graduate at the end of the spring 2015 semester - Congratulations! In order to graduate you must complete your graduation check out before October 31, 2014. For more information on graduation deadline please see the department webpage: http://www.cse.usf.edu/undergraduate/graduation.

To complete your graduation checkout you must fill out the graduation checklist (http://www2.eng.usf.edu/studentServices/graduation.htm). After you fill out the graduation checklist form then you should use the eScheduler (http://eschedule.forest.usf.edu/login.aspx) to make an appointment with me to review your checklist. (You may also come to walk-in office hours, but please note that students in my COP 4530 and COT 4400 course will have priority to ask course related questions.)

A few notes about the checklist:
(1) In the section labeled "Courses the term BEFORE your graduating term" you should list the specific courses that you are currently taking.
(2) In the section labeled "Courses DURING your graduating term" you should list the specific courses that you intend to register for during the spring 2015 semester. (If you end up registering for different courses then you will come back to see me to update your checklist)

In addition to the graduation checklist, please complete the electives form for your degree (see attached). A few notes about this form:
(1) List the specific electives that you will count towards your degree
(2) No course may be listed on the form more than one time since elective courses cannot double count.
(3) If you are applying an industry internship towards your elective requirements then please bring a copy of your employer letter.

Your graduation checkout appointment also includes career and graduate school mentoring. You are welcome to bring a hard copy of your resume if you would like me to review it.

Please let me know if you have any additional questions. Do not wait until the last minute to complete your graduation paperwork.

Regards,

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Tina Kouri
Instructor and Undergraduate Advisor
Department of Computer Science and Engineering
University of South Florida
Phone: (813) 974-2126

Undergrad mailing list

2 attachments

- electivesFormCP.pdf
  19K
- electivesFormCS.pdf
  20K
Seeking Volunteers for a Computer Science Road Show

Dear Computer Science & Engineering students,

The Computer Science and Engineering department is teaming up with WICSE (Women in Computer Science and Engineering) to begin a Computer Science Road Show!

This road show will be going to local high schools starting Fall 2014 semester with the goal of getting students interested in and excited about computer science. The presentation will be highly interactive; it will cover basic topics such as a brief history of computer science, algorithms, and security.

We are currently looking for volunteers to help with this presentation; we will begin presenting on November 6th. We have had numerous large companies express interest in becoming involved with this project. Therefore, this will not only be great volunteer experience, but also an opportunity to network with future employers.

Volunteer responsibilities will include assisting in modifying and updating the presentation, securing locations for the presentation, and assisting in the actual presentation delivery.

If you are interested in volunteering, please email marsh5@mail.usf.edu by Friday October 24th.

Regards,

Elizabeth Marsh
Vice President of WICSE
Dear University Administrator:

The National Academies is accepting applications for the 2015 Ford Foundation Fellowships Programs for Achieving Excellence in College and University Teaching. Full eligibility information and online applications are available on our website at: http://nationalacademies.org/ford

Eligibility Requirements:

- U.S. citizens, nationals, permanent residents, or individuals granted deferred action status under the DACA program
- Planning a career in teaching and research at the college or university level in a research-based filed of science, social science or humanities

Stipends and Allowances:

- Predoctoral -- $24,000 per year for three years
- Dissertation -- $25,000 for one year
- Postdoctoral -- $45,000 for one year

Awardees have expenses paid to attend one Conference of Ford Fellows.

Approximately 60 predoctoral, 30 dissertation, and 18 postdoctoral fellowships sponsored by the Ford Foundation and administered by the National Research Council of the National Academies.

Application Deadline Dates:

- Predoctoral: November 19, 2014
- Dissertation: November 14, 2014
- Postdoctoral: November 14, 2014

For Further information please contact:

Fellowships Office, Keck 576
National Research Council of the National Academies
500 Fifth Street NW
Washington, DC 20001
Phone: 202.334.2872
Fax: 202.334.3419
infofell@nas.edu
The **Tampa Citi Service Center** cordially invites you to join us as we host our signature event of the year – bringing together People and technology from all areas of Citi, university partners, innovative developers and industry peers – to share ideas, learn new ones and have fun!

**Tampa Expo**
October 22, 2014
9:30am - 5:00pm
3800 Citibank Center, Tampa, FL 33610

Featuring over 60 employee and vendor exhibits offering hands-on demonstrations, the Expo will advance our shared interests and goals around:

√ Building a culture that serves as a foundation to bring technology groups together

√ Raising awareness about existing solutions, minimizing redundancy and promoting synergies

√ Collaboration through the sharing of innovative ideas

√ Opportunities to leverage existing solutions to increase productivity and the ability to exceed market demands

Please **RSVP by October 10th** to Site Manager & Head of Communications Julia Ruddock-Elliott at [Julia.Stephanie.Ruddock@citi.com](mailto:Julia.Stephanie.Ruddock@citi.com).

For additional information, please contact [Tampa Site Communications](mailto:).
MindSumo projects

Dear Students,

Please take a look at these Computer Science projects from MindSumo. MindSumo projects give you work experience from impressive companies and also have cash prizes for the brightest solvers.

Make our website hub an engaging destination for visitors by American Express - $1000 in prizes
Help deliver better targeted messaging to e-commerce consumers by Windsor Circle - $600 in prizes
How would you troubleshoot as a network engineer? By Cisco - $1000 in prizes
Group stocks by similar price behavior by Susquehanna International Group - $1000 in prizes

Direct Links:
https://www.mindsumo.com/contests/make-our-website-hub-an-engaging-destination-for-visitors
https://www.mindsumo.com/contests/sig14
Orthotic and Prosthetic Solutions -Internship

RE: Part-time developer $15-25/hour, commensurate with experience

OP Solutions is a prosthetic design company looking to bring on a part/full time
developer to work on enterprise level web applications we have built for an active
health community. Please review the following needed talents and reply with
your resume, work experience and rate expectations:

PHP&MySQL
HTML5
CSS3
Sass/Compass
Capistrano
Wordpress
jQuery
Kohana
Git

Pluses:
Laravel
Responsive UI's
Familiarity with the bash shell on OSX or Linux.

Some work onsite (just off USF’s campus) with our in-house design and sales
team, most work can be done from your home. We look forward to hearing back
from the best developers in the Tampa Bay area looking to work for a great start-
up that is increasing it’s user base and internal team members. Some freedom to
explore your own ideas related to prosthetics and our software products.

Please email resume and any inquiries to Jason Kahle: jason@opsolutions.us
Student Programs Internship - Quality Engineer (Odessa, FL)

Location: Odessa, Fl, US

Job ID: 57150

3M is seeking a Software Developer Intern for 3M Electronic Monitoring located in Odessa, FL. Be part of what’s next!

Job Summary:

An intern (typical 10-12 week, full-time schedule assignment) position is a temporary assignment with 3M's Corporate Student Programs. This position is targeted to start in January 2015 working a minimum of 10+ hours weekly during the academic year or June 2015 working 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.

This role will perform the testing of software to certify that new and legacy firmware and software applications fully meet requirements, are error free, and are the best deliverable that can be produced to ensure proper operation while interacting with 3M’s systems.

Primary Responsibilities include but are not limited to the following:
- Follow corporate and group software development lifecycle (SDLC) processes with an emphasis on ensuring quality of the end product
- Ability to test and document products to ensure the highest quality
- Generate reports, drill down into the reports and test for accuracy of the reports
- Conduct functional, system, regression and smoke tests in multiple environments
- Diagnose, report, track, and assist in resolving quality issues
- Facilitate the code migration between Development and Production
- Utilize excellent verbal and written communication skills to influence the development of new features and improve product usability

Basic Qualifications:
- Currently pursuing a bachelor’s degree or higher from an accredited university
- Minimum of a cumulative 3.0 GPA on a 4.0 scale

Preferred Qualifications:
- Experience with web based products and testing
- Experience in creating test scripts and test cases
- Experience with testing support products and processes, such as defect tracking systems and software configuration controls
- High attention to detail coupled with a strong commitment to the delivery of a high quality product
- Have knowledge of formal QA testing methodologies

Location: Odessa, FL

About 3M
Do you see the world differently? Are you inspired by how a simple shift can result in big change? Do you share your ideas in the hopes of coming up with something even better by working together? Then join 3M! With 88,000 people around the world in more than 70 countries and $30 billion in sales, 3M is committed to building on our rich heritage by bringing our best to the innovations we create. Be part of improving how people live and work every day. Be part of what’s next at 3M! Follow us @3MCareers and learn more at YouTube.com/3MCareers.

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

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.

Apply at: http://goo.gl/xUm8Fb
Student Programs Internship - Computer Engineer (Odessa, FL)

Location: Odessa, Fl, US

Job ID: 57149

3M is seeking a Software Developer Intern for 3M Electronic Monitoring located in Odessa, FL. The target start date for this position is either January or June. Be part of what’s next!

Job Summary:

An intern (typical 10-12 week, full-time schedule assignment) position is a temporary assignment with 3M's Corporate Student Programs. This position is targeted to start in Jan 2015 working a minimum of 10+ hours weekly during the academic year or June 2015 working 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

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 an object-oriented programming language (C#, VB .NET, Java, C++)
- Experience with HTML

Preferred Qualifications:
- Completed at a minimum your sophomore level of curriculum by date available to work
- Completion of a course in Data Structures
- Experience building responsive 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
Location: Odessa, FL
Relocation: is NOT authorized

About 3M
Do you see the world differently? Are you inspired by how a simple shift can result in big change? Do you share your ideas in the hopes of coming up with something even better by working together? Then join 3M! With 88,000 people around the world in more than 70 countries and $30 billion in sales, 3M is committed to building on our rich heritage by bringing our best to the innovations we create. Be part of improving how people live and work every day. Be part of what’s next at 3M! Follow us @3MCareers and learn more at YouTube.com/3MCareers.

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

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.

Apply at: http://goo.gl/cCKUjY
Contract jobs from a local recruiter

If students are interested, they can contact Fritz Eichelberger at Fritz@hotspaces.net or 813-765-6060.

1. Project Manager, Senior level, Agile, Scrum Master ideal, Tampa, $100-120k
2. Director of Infrastructure, manager level but still hands-on and able to talk to tech at a detailed level, Pinellas, $95-120k
3. Three (3) Software Developers, Polyglot, F#, Scala, Ruby, some .Net, Java, C/C++, Tampa, Competitive pay
4. Developer, JavaScript, Python, HTML5, small company environment, Tampa, competitive pay
5. Two (2) Java Developers, contract, write code from scratch, Pinellas, up to $40/hour 1099 basis
6. System Engineer, Senior, Cisco, Microsoft, VMWare, Cloud, cover East Hillsborough to Orlando, $90-110k
7. System Engineer, mid-level, Cisco, Microsoft, VMWare, Cloud, cover East Hillsborough to Orlando, $90-110k
8. Salesforce Developer, Apex, Visualsource, Tampa, very competitive rate, open to contract too
9. SharePoint Developer, 3+ years of experience, Tampa Bay, $85-105+ range
10. Systems Analyst, Cerner experience required, Tampa Bay, $60-75k plus great benefits
11. Ruby Developer, Tampa Bay, competitive pay range + benefits
12. Marketing Specialist, Print, online, trade shows, Westshore, $45-60k
13. IOS Developer, Tampa, $90-105k
14. Junior IOS Developer, Tampa, competitive rate
15. Graphic Designer, Town & Country, $45-65k

Thank you for sharing!