Dear CSE Students:

Welcome to the fifth newsletter of the Spring 2015 semester.

**Undergraduate Program (CS and CpE):** Registration for summer and fall classes is upon us. Be sure to review the course offerings, and plan accordingly. Several students have asked for a hardware elective for summer; we are offering two hardware electives. These courses must be filled, since they were requested. If you are graduating in fall, one of the courses you need to take is Ethical Issues. This is a PERMIT required course. To get a permit, you need to bring me a graduation contract (on the department web site) between March 19 and your registration date. All students: Remember, Data Structures and/or Logic Design are PREREQUISITES for all department electives.

**Undergraduate Program (IT):** Nothing for this issue.

**Graduate Program:** For those of you planning to defend your dissertation this semester, please remember to book a room and send me your announcement at least two weeks in advance. For Ph.D. students, the Admission to Candidacy deadline for this semester is April 10. At this time, I will need your Admission to Candidacy form, Plan of Work and Committee Appointment Form. For those of you planning on graduating in the summer, your graduation checklist is due April 17. Your graduation checklist must be submitted before you can apply for graduation through OASIS.

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

- Induction to the Profession Ceremony – Computer Science and Information Technology
- Induction to the Profession Ceremony – Computer Engineering
- EDGE Summer Session – Mentoring for women in PhD programs
- ORAU Information: DNDO Summer Internship Program
- Cloud Hackathon Announcement (FIU)
- Software Engineering, Associate (TBTF)
- Tampa Bay area startup seeks 2 engineers or graduate candidates
- Green Pals Company Project

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
Induction into the Profession Ceremony
(Computer Science and Information Technology)

Dean Robert H. Bishop & the College of Engineering Faculty
Cordially invite you to be initiated into the
Pledge of the Computing Professional
at the
Induction into the Profession Ceremony
In recognition of your 2015 Spring or Summer commencement

Friday, May 1, 2015 • 5 p.m. • Marshall Student Center Ballroom

A reception for graduates, guests and faculty will immediately follow the ceremony.

RSVP between March 9 and March 19 to participate by following
the instructions on the attached registration form.

USF is an equal opportunity/equal access institution. Please notify Marcy Konfeld at 813.974.1001 within five (5) working days of this
event if a reasonable accommodation for a disability is needed.
Induction into the Profession Ceremony
(Computer Engineering)

Dean Robert H. Bishop & the College of Engineering Faculty
Cordially invite you to be initiated into the
Order of the Engineer
at the
Induction into the Profession Ceremony

In recognition of your 2015 Spring or Summer commencement

Friday, May 1, 2015 • 5 p.m. • Marshall Student Center Ballroom

A reception for graduates, guests and faculty will immediately follow the ceremony
RSVP between March 9 and March 19 to participate by following
the instructions on the attached registration form.

USF is an equal opportunity/equal access institution. Please notify Marcy Komfeld at 813.974.1601 within five (5) working days of this event
if a reasonable accommodation for a disability is needed.
Enhancing Diversity in Graduate Education

The next EDGE Summer Session will be at

Howard University
Washington, DC
June 1-26, 2015

Follow the link: edgeforwomen.org for more information.

EDGE is a comprehensive mentoring program designed to strengthen the ability of women to successfully complete PhD programs and persist in careers in the mathematical sciences.
ORAU Information: DNDO Summer Internship Program

ORAU is pleased to provide the information below regarding an opportunity available to all institutions. This notice is a service to ORAU Sponsoring and Associate Institutions. Please forward within your institution and broadly to colleagues as you feel appropriate.

Now accepting applications for the DNDO Summer Internship Program

The U.S. Department of Homeland Security (DHS) Domestic Nuclear Detection Office (DNDO) Summer Internship Program will provide opportunities for undergraduate and graduate students to participate in projects focused on helping DNDO meet its mission of “implementing domestic nuclear detection efforts for a managed and coordinated response to radiological and nuclear threats, as well as integration of federal nuclear forensics programs.”

This program offers ten-week research experiences at federal research facilities located across the U.S. Undergraduate student receive a stipend of $600 per week plus travel expenses. Graduate students receive a stipend of $700 per week plus travel expenses.

Areas of research: Engineering, earth and geosciences, computer science, mathematics, physics, chemistry, biological / life sciences, environmental science, and more.

More information about the course can be found at https://www.zintellect.com/Posting/details/824.

U.S. citizenship required

Application deadline: March 16, 2015, at 12:00 AM

For questions please email us at dhsed@orau.org

ORAU
University Partnerships Office
University.partnerships@orau.org
www.orau.org

ORAU provides innovative scientific and technical solutions to advance research and education, protect public health and the environment, and strengthen national security. Through specialized teams of experts, unique laboratory capabilities and access to a consortium of more than 100 major Ph.D.-granting institutions, ORAU works with federal, state, local and commercial customers to advance national priorities and serve the public interest. A 501(c)(3) nonprofit corporation and federal contractor, ORAU manages the Oak Ridge Institute for Science and Education (ORISE) for the U.S. Department of Energy (DOE).
Cloud Hackathon Announcement

In collaboration with IBM, the FIU School of Computing and Information Sciences is hosting a Cloud Hackathon. This event is offered as part of the Introduction to Cloud Computing course (CEN4083) and open to students who are not currently enrolled in the class. CEN4083 is a new course offered as a shared course to FIU, UCF, and USF. IBM supports the hackathon with free trial access to the IBM Bluemix, an industry-leading PaaS platform. You will get exposure to cutting-edge cloud technologies and mentoring from cloud computing experts. The top four students with the best projects will also win a Raspberry Pi starter kit (sponsored by IBM)!

The hackathon will take place from March 9th to April 3rd. You can participate individually or in a group of no more than two students. Each group will be asked to come up with an idea for a project and implement and demonstrate it in four weeks. With IBM Bluemix, you will get access to a free, 30 day trial of various runtimes (like Java, PHP) and services (like Watson, Mobile) delivered from IBM Softlayer cloud data centers. IBM will also provide guest lectures and free starter code to help you start the projects and to use a catalog of free services like NoSQL data storage, Internet of Things, telephony, SMS, and email.

The hackathon is open to any registered student from FIU, UCF, and USF, but only a limited number of spots are available for students who are not enrolled in CEN4083. So register ASAP if you are interested! To register, email to cloudhackathon@gmail.com with the subject “Hackathon Registration.” In the email body, include the full name, student ID, and university of your team members as well as proof that you are familiar with Java or PHP programming (e.g., records of the programming courses that you have taken.) Qualified registrations will be accepted on a FCFS basis!

Key dates:
* March 5th, IBM guest lecture (9:30-10:45am, ECS 235)
* March 9th, Cloud Hackathon Kickoff
* March 17th, IBM guest lecture (9:30-10:45am, ECS 235)
* March 23rd, Project proposals due
* April 3rd, Final submission due
* April 20th, Hackathon winner announcement

Hackathon organizers:
* Dr. Ming Zhao (Associate professor, FIU)
* Dr. Seetharami Seelam (Research staff member, IBM)
* Carl Osipov (Cloud solutions architect, IBM)
* Mark Vanderwiele (Distinguished Engineer, IBM)

More information:
* Cloud Hackathon: http://visa.cs.fiu.edu/CloudHackathon
* IBM Bluemix: https://console.ng.bluemix.net/
Tampa Bay Technology Forum (TBTF) is working with area business to fill open jobs. Below is a job description for a company seeking to fill 8 open positions in May 2015 (or before) with student that graduated in December, 2014 or will be graduating in May, 2015.

The company is seeking recent graduates to fill the positions that possess basic knowledge of programming, hunger to learn new technologies, and the energy to work on a team.

Interested students should contact Pat Gehant at pgehant@tbtf.org or call 727-742-5144.

**Position Summary** - Under general supervision, the Associate Software Engineer reviews business requirements and information requests, existing programs, and file structures to complete the specified changes. As part of completing the work assigned, an Associate Software Engineer is responsible for the programming, testing (unit), and documentation of information systems.

**Education** – Bachelor’s Degree in computer science or equivalent

**Skill Set** – Intermediate level

- Demonstrated interpersonal/verbal communication skills
- Demonstrated written communication skills
- Ability to work as part of a team
- Ability to work in a matrixed environment
- Demonstrated project management skills
- Ability to drive multiple projects

**Other Skills**

- Ability to analyze and interpret financial data in order to coordinate the preparation of financial records
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<thead>
<tr>
<th>Technology</th>
<th>Other Technology</th>
<th>Proficiency</th>
<th>Required/Preferred</th>
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<tbody>
<tr>
<td>Visual Basics .Net</td>
<td></td>
<td>Beginner</td>
<td>Preferred</td>
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<tr>
<td>ASP.Net</td>
<td></td>
<td>Beginner</td>
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<tr>
<td>Oracle Database Management System (DBMS)</td>
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<td>Preferred</td>
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<tr>
<td>Unified Modeling Language (UML)</td>
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<td>Preferred</td>
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<td>XML/HTML</td>
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<td>Beginner</td>
<td>Preferred</td>
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<tr>
<td>PL SQL</td>
<td></td>
<td>Beginner</td>
<td>Preferred</td>
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<tr>
<td>SQL Server System</td>
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<td>Beginner</td>
<td>Preferred</td>
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<tr>
<td>Other</td>
<td>Proficient with the use and development of Use Case. Proficient in the use of both structured and object oriented systems analysis, design, development tools, and techniques. Must be able to communicate effectively verbally and in writing with technical staff, non-technical staff, end-users for requirements gathering, testing, training, and outcome validation.</td>
<td>Beginner</td>
<td>Preferred</td>
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<tr>
<td>Intermediate</td>
<td></td>
<td>Required</td>
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</tbody>
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**Other Requirements**

- Provides resolution to a diverse range of recognizable complex problems. Analysis is required to identify root cause. Uses judgment within defined boundaries to develop solutions.
TAMPA BAY AREA STARTUP SEEKS 2 ENGINEERS OR GRADUATE CANDIDATES

Join our founding team talent in the development of an exciting new wearable concept exploiting multiple sensor technology and machine learning science to bring the prototype to life as we seek funding for commercialization.

COMPUTER SCIENCE Engineer or Graduate Candidate in Computer Science

We are seeking a young software engineer with at least five year's experience in machine learning projects. He/she must be familiar with predicting algorithms, machine learning techniques, achieving high performance of the learning function, etc, expertise in developing software with modern language knowhow and womb-to-tomb software development, modern tools software libraries and modern processor technology.

ELECTRIC or ELECTRONIC Engineer or Graduate Candidate

We are seeking a young engineer with experience in the application of accelerometers, gyroscopes and other sensors. Experience with wearables and SoC preferred.

Contact Armin Loges
arminloges@gmail.com
Entrepreneurial startup-company seeking **Professionals with Experience in Computer Programming, Coding, Webpage Designs and etc.**
Will PAY **$3,000-$5,000** upon completion of project.
If interested and qualified please email your resume to:
**greenpals.tampa@gmail.com**