Dear CSE Students:

Welcome to the fourth newsletter of the Spring 2019 semester.

**Message from the UG Advisor:**
If you are planning to graduate at the end of fall 2019, note that the deadline to submit a graduation checklist is March 22nd. Details about the graduation checklist are posted on the CSE website. [https://www.usf.edu/engineering/cse/undergraduate/graduation.aspx](https://www.usf.edu/engineering/cse/undergraduate/graduation.aspx)

Registration for summer and fall begins in March 25th. Check OASIS for your registration time prior to the March 25th. Don’t wait for spring grades to register for summer and fall courses. For CSE advising availability, see the CSE website. [https://www.usf.edu/engineering/cse/undergraduate/contacts.aspx](https://www.usf.edu/engineering/cse/undergraduate/contacts.aspx)

**Message from the Grad Program Assistant:**
- Students graduating this Spring, please make sure that you have applied for graduation and that you submit your Graduation Checklist and Plan of Work to me. You can submit it via email or drop it off in ENB 342D.
- For international students applying for OPT, submit all requests in a timely manner. For Graduate Advisor information, please use the following: Gabriela Franco gabriela4@usf.edu
- Registration for Summer and Fall will begin March 25. Make sure that you verify your time ticket for registration beforehand.

Attached are announcements for the following (please note that this listing does not imply University or Department endorsement):
- 2019 Hackabull
- Research Experiences for Undergraduates in Computer Vision
- Research Experiences for Undergraduates in Smart & Connected Communities
- SoNIC Summer Research Workshop
- Sixth Frederick Jelinek Memorial Summer Workshop
- NgageU Job Opportunity
- Russell Lane Technology Job Opportunity

Regards,

Ken Christensen
Professor and Associate Chair of UG Affairs
HACKABULL
University of South Florida
March 23-24, 2019
USF Library

Register now!
www.hackabull.io

RAFFLE TICKETS:
NINTENDO SWITCH - $5
BLUETOOTH SPEAKER - $3
GAMING KEYBOARD - $1

VENMO: @SHPEUSF
The National Science Foundation (NSF) has designated the Center for Research in Computer Vision at the University of Central Florida (UCF) as a site for Research Experiences for Undergraduates (REU) in the area of Computer Vision for 2018-2020. The purpose of the REU is to encourage undergraduate students to pursue graduate school and research careers.

UCF has continued to be an REU site in Computer Vision since the inception of REU by NSF in 1987. 2017 marked the 30th anniversary of successfully directing the REU site by Dr. Mubarak Shah in Computer Vision. Through the longest REU program in the country, Dr. Shah and his colleagues have trained more than 300 REU students from more than 75 universities all over the USA, resulting in more than 80 high quality journal and conference publications. All previous REU participants successfully completed their degree in computer science related areas; about half have continued with graduate studies, several participants are now faculty members at different universities, and several participants have started their own companies.

For more details please visit the REU web page:
http://www.crcv.ucf.edu/REU

And the REU 30 Year Celebration Page:

This year, ten undergraduate students from across the U.S. will participate in this program. This year’s program will start around May 17, 2019 and will end around July 30, 2019; this is open to all sophomore, junior and senior undergraduates in computer science, computer engineering and related fields who are U.S. citizens or U.S. permanent residents with a GPA of 3.0 or above. Students will be given an introductory course in Computer Vision during the first few weeks and then be introduced to various research projects in the Computer Vision area. The students will work full time on their individual research projects during the summer semester.

Each student will be paid a stipend of $5,000 for the summer and receive a small travel allowance, a small meal allowance, and a summer housing allowance. Out of state students who are motivated and interested may be given the option to continue working on their projects (for an additional stipend) when they return home during the Fall and Spring semesters. If you are a sophomore, junior or senior in Computer Science or Electrical and Computer Engineering and have a GPA of 3.0 or above and are interested in participating in this project, please apply electronically before March 1, 2019 by visiting http://www.crcv.ucf.edu/REU and filling out the application. You can also access the application directly by visiting https://goo.gl/forms/Ry0gYdI4cStgqS1V2.

If you have any questions, please contact Professors Shah or Lobo, or e-mail kenneth@crcv.ucf.edu.

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Summer 2019
Research Experiences for Undergraduates in Smart & Connected Communities

This REU Site is funded by the National Science Foundation and hosted at Texas State University – San Marcos

Recruiting 10 motivated undergraduate students to conduct research in the area of Smart & Connected Communities (S&CC) for 10 weeks over the summer of 2019

Research overview
The main research theme of this opportunity is in the emerging area of Smart & Connected Communities (S&CC), the essential building blocks of smart cities. Here are few example applications:

- Development of models, mechanisms and tools for smart human-environment interactions and protection of smart infrastructure.
- Data collection and analysis to promote health and well-being of citizens in urban settings.
- Novel scheduling and monitoring methods for intelligent transportation systems.

Benefits:
- Learn how to conduct research.
- Gain hands-on experience in robots, sensors, data collection and analysis, simulation experiments, and intelligent applications.
- Participate in various activities (e.g., seminars, tutorials, picnics, etc.).
- Learn how to write research papers and present your work.
- Visit nearby hi-tech companies (e.g., IBM, Google).

Other benefits include:
- $5000 stipend
- Travel support (up to $600)
- Housing and meals included

Must be a U.S. citizen or a permanent resident

Important dates:
Application due........4 Mar 2019
Notification...............1 Apr 2019
Program starts..........3 Jun 2019
Program ends..........9 Aug 2019

For more information and to apply:
http://reuscc.wp.txstate.edu/
We want to invite you to apply to the weeklong SoNIC Summer Research Workshop (http://www.cs.cornell.edu/workshop/sonic/) hosted by Cornell University and originally created in collaboration with Howard University. SoNIC is aimed at significantly increasing the number of underrepresented minorities pursuing and obtaining a PhD in computer science. It is designed to encourage undergraduate or masters students to pursue and achieve a PhD by experiencing systems and networking-research firsthand using state-of-the-art methodologies and approaches. SoNIC is targeted to undergraduates, rising sophomores to master's students. The theme of the workshop centers around cloud computing (systems and networking), but students with background in CS, IS, EE, Math, and Physics are eligible to apply.

The workshop runs from June 17th– June 21st, 2019. The workshop is fully funded and provides for all travel costs from a home or internship, and lodging and meals for student participants. The workshop is only open to students studying at a university in the U.S. or Puerto Rico.

Students can apply to SoNIC at the above website. The application deadline is Wednesday, March 22nd. Please feel free to contact us at cis-diversityprograms@cornell.edu with any questions. A Flyer is available: http://www.cs.cornell.edu/sites/default/files/shared/sonic_flyer_2019.pdf
Sixth Frederick Jelinek Memorial Summer Workshop

The ETS (École de technologie supérieure) in Montreal, Canada is hosting the Sixth Frederick Jelinek Memorial Summer Workshop (https://www.clsp.jhu.edu/workshops/19-workshop). We are seeking outstanding members of the current junior class to join a summer research workshop on language engineering from June 24 to August 3, 2019.

The 8-week workshop provides an intense intellectual environment. Undergraduates work closely alongside senior researchers as part of a multi-university research team, which has been assembled for the summer to attack some problem of current interest.

The teams and topics for summer 2019 include:
* Speaker Detection in Adverse Scenarios with a Single Microphone
* Distant supervision for representation learning in speech and handwriting
* Improving Translation of Informal Language
* Using Cooperative Ad-hoc Microphone Arrays for ASR
* Neural Polysynthetic Language Modeling

We hope that this stimulating and selective experience will encourage students to pursue graduate study in human language technology, as it has been doing for many years.

The summer workshop provides:
* An opportunity to explore an exciting new area of research
* A two-week tutorial on current speech and language technology
* Mentoring by experienced researchers
* Participation in project planning activities
* Use of cloud computing services
* A $5,600 stipend and $2,500 towards per diem expenses
* Private furnished accommodation for the duration of the workshop
* Travel expenses to and from the workshop venue

Applicants apply via a form on the workshop’s page (http://www.clsp.jhu.edu/workshops/current). Applications should be received by Friday, March 15th, 2019. The applicant must provide the name and contact information of a faculty nominator, who will be asked to upload a recommendation letter by March 23, 2019. Please note that the application will not be considered complete until it includes both the C.V. and the letter.
NgageU, a brand-new start-up created by a team of Radford students and alumni, has an exciting opportunity for two select students! Our team is looking for two ambitious app developers who have learned or are in the process of learning Swift (the programming language used for Apple’s IOS). We are developing mobile apps that encourage student engagement on campus for small and medium sized universities. Your job will be to work with our current developer and app designer to build an IOS version of our 1st app using location services, programming, and design. As a head developer and partner, applicants are expected to be able to spearhead this project with little structure in place. You will receive leadership, feedback, and instruction from team members to guide you in development.

**Time Commitment:** Approx. 10 hours a week, One weekly meeting online (30min. – 1 hour)

**Pay:** Join NgageU as partner, each developer will receive 15% stake in the company.

**Where:** Work can be done remotely and is dependent on your own schedule.

Students that are interested will go through an interview process where we will evaluate experience, work ethic, communication skills, and overall attitude to find the best fit for our company. If you or someone you know may be interested, I strongly encourage you to contact James Overton (joverton3@radford.edu) to find out more information and take advantage of this amazing opportunity!

Thank you,

James Overton, CEO, NgageU
Russell Lane Technology is looking for recent graduates with 0-3 years of experience to be hired as junior-level Data Engineers.

To apply or for more information visit russelllanetechnology.com or email mromano@russelllanetechnology.com.