Dear CSE Students:

Welcome to the seventh newsletter of the Fall 2018 semester.

> **Message from the UG Advisor:** Finals are approaching. Make sure you know your exam time and location. Set your alarm(s). Charge your phone and set a reminder. Don't miss your exams! By now, your registration should be complete. If you are unable to enroll for a full schedule, please make sure you have discussed your situation with a CSE advisor (John or Marjorie). Students expecting to graduate in spring should have a set schedule. Contact us if you do not.

> **Message from the Grad Program Assistant:** Please do not forget to register for Spring 2019 before January 4, 2019 to avoid a $100 late registration fee. In addition, make sure that your fill out your Directed Research/Independent Study/Thesis contracts in a timely manner. Once you have all the required information, submit it to be via email or by dropping it off for registration. If you were admitted Fall 2017 or after, keep in mind that you will have to take the Comprehensive Exam before graduating. See me in ENB 342D for more information.

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

- Honors College Engineering Capstone Course Survey
- Senior Leaders Academy: Department Nomination Form (Fall 2018) Deadline December 14
- UF Student Opportunity at the Graham Center
- NSF-ERC Summer Opportunities for Individuals with Disabilities
- Generation Google Scholarship Deadline December 6th 11:59 PST
- Intern Job Description: Mobil App Developer

Regards,

Ken Christensen
Professor and Associate Chair of UG Affairs

Honors College Engineering Capstone Course Survey

Professor Lawrence Gottschamer is giving an Honors College Engineering Capstone Course for Undergraduate student. He has a group of computer science and engineering students doing an in-class research project on the pace of computer science rate of innovation and the how computer science and engineering departments are adapting to that pace.

Please help out Professor Gottschamer by doing a quick survey below.

Survey Link Here: https://goo.gl/forms/JW31ASR87Fa0Hk9K2

Senior Leaders Academy: Department Nomination Form (Fall 2018) Deadline December 14

The Center for Leadership and Civic Engagement is excited to host the 11th annual Senior Leaders Academy this upcoming spring. The Senior Leaders Academy is a one-day program that gives graduating senior student leaders a chance to transfer the skills they have obtained through their involvement at USF into their post-graduation plans. We are asking departments to nominate Seniors who have made an impact on their department, office, or the USF community. The Senior Leaders Academy will provide the following experience to its participants:

• Networking opportunities with fellow graduating seniors
• Opportunity to reflect on their time at USF and beyond
• Discuss leadership in the context of their future careers

Please submit all the names of students you believe would benefit from this event. The CLCE will reach out to these students once they are nominated. Students are also encouraged to self-nominate. If you are selected, students will receive a formal invitation. For more information, please contact Genevieve Gates at ggates@usf.edu.

This program is for **Spring 2019 and Summer 2019 graduates only**. Fall 2018 graduates are not eligible. **This program is for Undergraduates only. Apply here: https://orgsync.com/88083/forms/344326**

Submissions are welcome on a rolling basis, with the priority deadline for submissions being **December 14th**. Students may also self-nominate.

UF Student Leadership Opportunity at the Graham Center

The Bob Graham Center for Public Service at the University of Florida would like to invite USF students, especially those interested in cybersecurity, to apply for our annual conference, the Future of Florida Summit.

The Future of Florida Summit gathers students from across the state to the UF campus to explore the most important issues facing our state through interdisciplinary problem-solving.

The 2019 Summit will focus on the intersection of **technology** and **public policy** and take place Friday, Feb. 1 - Sunday, Feb. 3. No prior public policy experience is required and all majors are encouraged to apply. Competitive applicants display strong collaborative skills, innovative thinking, and a passion for change.

Meals and lodging will be provided and no application fee or participation fee is required.

Apply here by January 4, 2019. Email Summit Chair, Lindsey Cazessus at lindseybc@ufl.edu for more info.

Link: https://docs.google.com/forms/d/e/1FAIpQLSdeHB2bGHmzKrk0kWGsoH-ZKef_mRu5dx6yk7wconzOcahLhQ/viewform

NSF-ERC Summer Opportunities for Individuals with Disabilities

Apply here: www.washington.edu/doit/programs/accesserc/resources/erc-summer-opportunities-individuals-disabilities

The National Science Foundation-sponsored Engineering Research Centers (ERCs) are ***recruiting undergraduate students with disabilities*** into programs for Summer 2019. Apply now!

ERCs are located at universities all across the United States, each in close partnership with industry. Each ERC provides an environment in which academe and industry collaborate in pursuing strategic advances in complex engineered systems and systems-level technologies that have the potential to spawn whole new industries or to radically transform the product lines, processing technologies, or service delivery methodologies of current industries. Activity within ERCs lies at the interface between the discovery-driven culture of science and the innovation-driven culture of engineering.

For more information and to apply, follow the links at the URL above.

Each ERC has unique opportunities to engage in research and discovery.

Generation Google Scholarship
Financial support and community building for underrepresented groups in tech

The Generation Google Scholarship was established to help aspiring computer scientists excel in technology and become leaders in the field. A group of undergraduate and graduate students will be chosen from the applicant pool, and scholarships will be awarded based on the strength of each candidate's impact on diversity, demonstrated leadership and academic background. Selected students will receive 10,000 USD (for those studying in the US) or 5,000 CAD (for those studying in Canada) for the 2019-2020 school year will also be invited to attend the Google Scholars' Retreat in the summer of 2019.

Email generationgoogle@google.com. We're happy to address any questions directly related to the Generation Google Scholarship, but are unable to respond to other inquiries. We will not respond to spam, barraging messages, or messages that are primarily inflammatory or exploitative in nature.

The 2019-2020 application is now open until December 6, 2018 11:59 PST. Apply now. https://buildyourfuture.withgoogle.com/scholarships/generation-google-scholarship/#!?detail-content-tabby_activeEl=detail-overview-content

Who can apply?
To be eligible to apply, applicants must:
o   Must have a high school degree or equivalent
o   Be currently enrolled as a student at an accredited college or university for the 2018-19 academic year
o   Intend to be enrolled in or accepted as a full-time student in a Bachelors, Masters or PhD program at a college or university in the United States or Canada for the 2019-2020 academic year
o   Maintain a strong academic performance
o   Be pursuing a degree in computer science, computer engineering or a degree in a closely related technical field
o   Exemplify leadership and demonstrate passion for improving representation of underrepresented groups in computer science and technology
o   The program is open to qualified undergraduate and graduate university students who meet the above criteria and we strongly encourage students from historically underrepresented groups, including Black/African American, Hispanic/Latino, American Indian, or Filipino/Native Hawaiian/Pacific Islander, to apply.

Application process
You will be asked to complete an online application which includes:
o   General background information (e.g. contact information and details about your current and intended universities)
o   Resume/CV

- o Academic transcripts from your current and prior institutions (if you have earned a prior degree)
- o One letter of reference from a professor, instructor, adviser or supervisor
- o Responses to five short answer essay questions

Recipients will be selected based on the overall strength of their essays and application materials compared to the entire applicant pool.

Intern Job Description: Mobil App Developer

New Beginning Addiction and Wellness Center provides outpatient treatment to children, youth and adolescence diagnosed with behavioral and co-occurring disorders. We need assistance in developing an educational Mobil app for children. This is a non-paid internship, n but will provide a stipend for gas and travel. Reba Haley (813) 716-3996

Responsibilities / Essential Duties:

• Help create, maintain and implement the source code to develop mobile app and program for   multiple platforms Android & iOS

 • Meet the needs and requirements using computer programming languages.

• Runs pre-scripted test plans against the various environments

• Assists with documentation

• Relies on experience and judgment to plan and accomplish goals

• Performs a variety of tasks

Required Skills / Knowledge:

• A working knowledge of quality assurance methodologies is helpful

• Familiarity with Windows, table and phone environments is also helpful

• Problem-solving abilities and ability to meet reasonable deadlines

• Strong team player, ability to build positive and collaborative relationships

• Willingness to develop professionally

• Familiar with standard concepts, practices, and procedures within a particular field

• Willingness to create Mobil app with assistance

Education / Previous Experience:

• Currently enrolled as a full-time student at an accredited college or university

• Pursuing a degree in Computer Science

• Overall GPA of 3. 0 or above

Work Conditions:

• Professional office environment