Dear CSE Students:

Welcome to the second newsletter of the Fall 2019 semester.

**Message from the UG Advisor:** If you are looking for a job, internship, or an opportunity to practice your interview skills, Bulls Connect (career fair) occurs on Wednesday, September 18th from 10:00 AM until 3:00 PM at the Yuengling Center. Midterms will occur in about a month. If you are having issues, it is best to address them early. Your advisors are available if you have current concerns. See the undergraduate section of the CSE website for details about appointments or our walk-in advising hours. The last day to withdraw without academic penalty for the fall term is November 2nd. If you plan to graduate at the end of spring or summer 2020, your graduation checklist is due by Friday, November 1st. See a CSE advisor for details.

**Message from the Grad Program Assistant:**

If you were appointed as a TA/RA, make sure you submit your tuition waiver as soon as possible, if you have not done so already. Please allow 2-3 weeks for your tuition waiver to kick in and reflect on your account. Once it is reflected, you have until October 11 at 5PM to pay the remaining fees.
If you are graduating this semester, make sure that you have taken and passed the Comprehensive Exam. 80% or higher is the passing score.

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

- Hispanic Heritage Month: Expanding our Reach in Computing
- Reliaquest Cybersecurity Certificate Training
- MuniMod Tech Competition
- USF I-Corps Entrepreneurship Workshop
- Cyber Florida Cybersecurity Career Fair
- Software Development Internship Opportunity
- Manufacturing Associate Job Opportunity
- U.S. Air Force Software Engineering Group Career Opportunity
- Volunteers Needed for IRB Approved Study

Regards,

[Signature]

Ken Christensen
Professor and Associate Chair of UG Affairs
COMPUTER SCIENCE AND ENGINEERING

LatinX Coders: Expanding our Reach in Computing

USF HISPANIC HERITAGE MONTH

WED. SEPT. 18
4-5PM
ENB 109

Experience and become immersed within the CSE Hispanic and Latinx culture to become global citizens.

FEATURING

ROBOTS
LATIN MUSIC
ENGAGING STUDENT ORGANIZATION SHOWCASE

UNIVERSITY OF SOUTH FLORIDA
ARE YOU INTERESTED IN A CAREER IN CYBERSECURITY?

JOIN US FOR PIZZA AND LEARN
FREE RELIQUEST CYBERSECURITY CERTIFICATE TRAINING
Selected students from the bootcamp will be invited to the ReliaQuest Labs at USF to earn a cybersecurity certificate in less than 6 weeks.

TO PARTICIPATE IN THE PROGRAM:

Attend the information security bootcamp on Friday, September 20, 1–4pm, Muma College of Business, BSN 115

Selected students receive over 40 hours of FREE experience in an actual virtual SOC (security operating center) lab right here on campus!

Training is open only to U.S. citizens and permanent residents for security reasons.

TOUR OF RELIQUEST FOR FRIDAY, SEPTEMBER 20, 9 – 11 AM
See the company, hear about their core values, and learn more about the field of cyber security in general

Please RSVP here if you plan to come to the info session: https://www.signupgenius.com/go/2OF094FA5AE28A4FF2-learn

Anna Bahvala bahvala@usf.edu

UNIVERSITY OF SOUTH FLORIDA
MuniMod Tech Competition

MuniMod is a civic innovation program powered by the Florida League of Cities. We’re looking for teams to represent their university in a competition that leverages technology to modernize municipal government across Florida.

**Program Benefits**

- $10,000 Grand Prize
- $200 Stipend Upon Completion
- World Class Advisors & Mentors
- The Chance to Improve Civic Life

**Program Overview**

MuniMod is the state’s largest civic tech competition. University teams attend virtual work sessions to learn about city government and connect one-on-one with advisors. Applying this knowledge, the teams will develop solutions for cities, leading up to the final 24-hour sprint at the MuniMod Experience, a colab atmosphere, in Orlando.

**Program Dates**

Program Launch: January 2020
Virtual Work Sessions: January-March 2020
Colab Experience (Orlando): April 4-5, 2020

Visit [http://www.munimod.com/#applynow](http://www.munimod.com/#applynow) to learn more
From Concept to Commercialization

USF Faculty & Students

If You’ve Got a Great Idea for a Product, Technology or Service

The USF I-Corps Program Can Help You Take It to the Next Level

• Find and talk with potential customers
• Develop a successful business model
• Turn your technology into a commercially viable product
• Participating teams receive up to $3,000

Sign up now for this 6 week workshop

Mondays, 1pm – 4pm on
9/16, 9/23, 10/7, 10/14, 10/28, 11/4

In USF Research Park

Deadline: 9/6/2019

For More Information

http://innovation.usf.edu/icorps
Network with potential employers and explore job opportunities at Cyber Florida’s first statewide Career Fair! Held on-site as part of Florida Cyber Conference 2019, the Cyber Florida Career Fair will give you the opportunity to meet face-to-face with employers in the cybersecurity industry. Gain insight to potential career paths and learn about current and future opportunities in the field. To register for this event, please visit the conference website at flcybercon.com.

**WHEN:** Thursday, October 24, 2:00 to 5:00 PM

**WHERE:** Florida Cyber Conference 2019
Tampa Convention Center
333 S. Franklin St., Tampa, FL 33602

**COST:** Free for job seekers

Questions? Please contact Nikki Sanberg at nsanberg@cyberflorida.org.

Please note: The Career Fair is FREE for all job seekers to attend, but you must register in advance. Career Fair registration does not grant access to conference activities on October 25; separate conference registration is required.
Software Development Intern

Job Description:

LeapCaller is seeking a Software Development Intern to aid in the development of software products. At LeapCaller we strive to deliver a quality product that empowers businesses to reach their customers and improve the relationship with their clients. As an Intern you will assist with all stages of the software development lifecycle across all levels of the tech stack to help the engineering team ship a quality product.

Required Skills/Experience:

• Must be a self starter with experience working on teams

• Ability to write high quality, maintainable code meeting product requirements

• Excellent communication skills

• Knowledge of software development lifecycle

Preferred Skills:

• Exposure to web technologies such as Node, NoSQL, and/or javascript frameworks(i.e. React, Angular, Vue)

• Experience with using git

• Understanding of object-oriented programming and data structures

Location: USF Research Park

Wage: $15.00/Hour

Please email resume to recruitment@leapcaller.com
Manufacturing Associate FAB-Assembly  
Full Time Regular Direct Labor  
i3 Microsystems, St. Petersburg FL, St. Petersburg, FL, US  
APPLY  

SUMMARY:  
i3 Microsystems, an i3 Electronics Company located in St. Petersburg, FL, is seeking a highly motivated Manufacturing Operator. You are primarily responsible for performing wafer production operations, including photolithography, deposition, dry and wet etch and related test and measurements. This includes set-up, calibration and preventative maintenance tasks on wafer fabrication equipment. You are also responsible for Quality Control Inspections, compiling and collecting end-of-line data product data packages for shipment with product, and managing documentation and quality records. All candidates must have the ability to obtain and maintain a US government Secret Clearance.  

CORE DUTIES:  
• Examine and/or inspect processes to determine the quality of the process and discuss with higher classified personnel possible improvements in the process.  
• Make minor repairs and adjustments to laboratory and operating equipment as required.  
• Work through a microscope for at least 5 hours per day  
• Processing lots as per Traveler.  
• Qualification of assigned process equipment.  
• Sustaining of assigned processes as per released procedures.  
• Contribute on various inter-departmental teams.  
• Conduct basic maintenance on equipment.  
• Other projects as assigned.  

WORK ENVIRONMENT:  
• This position requires work in a Clean Room Fab during which all personnel wear cleanroom coveralls, booties, hair net, hood, face mask, safety glasses and gloves. In addition, some activities may involve the use of personal protective equipment (PPE).  
• While performing the duties of this job, the employee is occasionally exposed to work near moving mechanical parts, fumes or airborne particles, risk of electrical shock, risk of radiation and toxic or caustic chemicals.  

PHYSICAL DEMANDS:  
• While performing the duties of this job, the employee is frequently required to sit at a microscope for periods up to one hour at a time  
• Specific vision abilities required by this job include close vision, depth perception, and ability to adjust focus.  

OTHER SKILLS:  
• Must be certified to or able to be certified to IPC-610A.  
• Required to learn use of the Manufacturing Execution System (MES) for WIP movement, monitoring & reporting  
• Knowledge of programming Excel spreadsheets.  
• Must have knowledge of Statistical Process Control methodologies  

EDUCATION AND/OR/EXPERIENCE:  
• Associate degree (A.A.) or equivalent from two-year college or technical school; or six months to one-year related experience and/or training; or equivalent combination of education and experience  
• Must be a U.S. citizen as we are an ITAR facility  
• Active or ability to obtain and maintain a U.S. government security clearance.
SWEG MISSION AND VISION STATEMENT

MISSION: Advance Air Force superiority by providing world-class, innovative and dynamic software products and services.

VISION: To be the industry leader in providing Department of Defense (DoD) software products and services.

Goals:

1. Institutionalize standard processes for executing 402 SWEG activities
2. Strengthen relationship with mission partners and Software Enterprise
3. Create and maintain an organization that delivers products and services based on its operating process with the agility to adapt to dynamic workload factors
4. Promote a professional work environment

SOFTWARE ENGINEERING GROUP AT Warner Robins Air Logistics Complex

TELEPHONE: (478) 926-2457
WARNER ROBINS, GA

402d Software Engineering Group
420 Richard Ray Blvd., Ste 100
Robins AFB, GA 31098
WHO ARE WE?

THE 402d SOFTWARE ENGINEERING GROUP (SWEG) is located at Robins Air Force Base in Warner Robins, Georgia. The group is staffed with over 1,200 personnel experienced in electrical engineering, computer engineering, computer science, and information technology. With over 420,000 square feet of facilities, SWEG is the largest industrial complex in the state of Georgia.

WHAT DO WE DO?

The 402d Software Engineering Group performs software changes on real-time software systems located in various platforms including aircraft, drones, ships and hundreds of related systems. We maintain sites used to remotely control drones. We build and deploy equipment used to test and diagnose hardware failures in systems and write the diagnostic software used on the equipment. We also Business Enterprise Systems and apps to include worldwide inventory management systems and electronic logs used by air crews for takeoff, landing and loading data.

To fulfill our mission in being a premier software provider for DoD and NATO, we design and maintain one-of-a-kind system integration labs consisting of software and hardware—in-the-loop. We also provide engineering services such as system acquisition, software acquisition consulting, and life-cycle support.

WHAT DO WE OFFER?

EDUCATIONAL OPPORTUNITIES

◊ Advanced degrees with fully paid tuition (technical & non-technical degrees)
◊ Opportunities for Professional Military Education (SOS, ACSC, AWC)
◊ Paid training for certifications (Security+, etc.)
◊ Acquisition Professional Development Program (APDP) opportunities

LEAVE

Annual Leave

◊ 0-3 years of federal service earns 4 hours per pay period
◊ 3-14 years of federal service earns 6 hours per pay period
◊ 15 + years of federal service earns 8 hours per pay period
◊ Employees can carry over 240 hours of annual leave from one year to the next

Sick Leave

◊ All employees earn 4 hours per pay period
◊ Employees can carry over as many hours of sick leave as they want

Paid Holidays

◊ Currently, there are 10 paid federal holidays per year

S&E RECRUITMENT INCENTIVES

◊ 25% Signing Bonus
◊ Student Loan Repayment (up to $30K)

MILITARY BUY BACK

◊ Generally, a period of military service is creditable for retirement under the Federal Employee Retirement System.

PAY CYCLE

◊ Paid every two weeks; 26 pay periods per year

DUTY HOURS

◊ Standard 8 hour work day
◊ Flex time
◊ Flexible reporting hours between 6am and 9am available

OVERTIME/COMP TIME OPPORTUNITIES

◊ Paid Overtime / Compensatory time for hours worked beyond the 8 hour day.

SECURITY

402 SWEG personnel are required to obtain and maintain a minimum of secret security clearance.
Volunteers Needed for IRB Approved Study

Hello,

My name is Parush Gera and I am a Ph.D. student in the USF College of Engineering, Department of Computer Science and Engineering. We are seeking USF students 18 years old or older to participate in an online survey to gather information on their online posting habits. The information that we will collect may provide insights into understanding factors that affect individuals’ willingness to not share their views on certain topics online, and their decisions when navigating such scenarios. Participants will be compensated with their choice of a $5 Starbucks or Amazon e-gift card. This study is considered minimal risk, and your participation is voluntary. The survey is expected to take no more than 25 minutes to complete; you may decline or withdraw from participation at any time without penalty.

Although we will collect demographic data such as gender and age, we will not collect personally identifying information.

This research is being conducted by the University of South Florida. It is led by Parush Gera (Department of Computer Science and Engineering) with faculty advisor, Dr. Tempestt Neal, (Department of Computer Science and Engineering. This study is being conducted for research purposes. You will be asked to answer a variety of questions in an online survey about your experience when choosing not to post your views on certain topics online.

If you are eligible and would like to participate:

If you are a USF student, is 18 years old or older, and would like to participate, please click on the following link. You will first be required to consent to participation prior to completing the study survey. Once completed, you will be forwarded to an anonymous link to collect your email address and gift card preference. We will not be able to link your email address to your survey responses.

Survey Link: https://usf.az1.qualtrics.com/jfe/form/SV_6Gs0bU2EuFOb4j3

If you are not eligible:

If you are not eligible, please feel free to forward this email to others that may be interested.

Please contact me at the below telephone number or email address if you have any questions. If you have any questions or concerns about the research that cannot be answered by the Principal Investigators, including if you have concerns, complaints, questions or wish to discuss your rights as a research subject, please contact the USF IRB Office at (813) 974-5638.

Sincerely,

Parush Gera
Department of Computer Science and Engineering
USF College of Engineering
Phone: 813-396-9353
Email: parush@mail.usf.edu
IRB Approved Study Pro# Pro00041357