Dear CSE Students:

Welcome to the sixth newsletter of the Spring 2019 semester.

**Message from the UG Advisor:**
Congratulations to those of graduating at the end of the spring 2019 term. Remember, that your exit surveys are due by **April 26th**! Continuing students: by this point you should be registered for your summer and fall courses. If you have registration issues and you have not already spoken to me, please visit during walk-in advising hours or schedule an advising appointment. You will find details about advising availability on the CSE website. Finals are coming. Make sure you know your exam times and locations.

**Message from the Grad Program Assistant:**
- Registration for Summer and Fall 2019 has opened. Make sure that you register for the courses you wish to take only and that you do no over-register. This will help new students have a better opportunity at selecting the courses they wish to take as well.
- If you need an Independent Student, Directed Research, Thesis, or Internship course registered, make sure you submit the correct forms to me in a timely manner.
- All OPT/CPT/RCL requests need to be submitted via iStart. Do not forget to add my information (gabriela4@usf.edu) in order for your request to be approved.

Attached are announcements for the following (please note that this listing does **not** imply University or Department endorsement):
- CIS 4253 Ethics for IT Update
- Registration Reminder
- Survive & Thrive Finals
- Free Summer Interview Prep Class
- NASA Fellowship Opportunity
- Rewriting the Program Fellowship Opportunity
- LaunchCode Apprenticeship Program
- Staples Software Engineer Internship Opportunity
- Full Stack Python Developer Internship Opportunity
- Johnson & Johnson Software Engineer Job Opportunity
- iD Tech Summer Job Opportunity

Regards,

Ken Christensen
Professor and Associate Chair of UG Affairs
Dear Information Technology major,

This message is to make you aware of an upcoming change to Ethics for IT—CIS 4253, a required course for the Information Technology major. Starting in fall of 2019, the Ethics for IT course will be offered in a face-to-face format. This change is being made to meet the Ethical Reasoning and Civic Engagement category under the revised general education requirements which were implemented in 2018. The course is offered this summer in an online format. Those of you graduating in spring of 2020 or later should plan to complete this course in a face-to-face format.

Sincerely,

John Morgan, PhD
Sr. Academic Advisor II
Computer Science and Engineering
University of South Florida

jpmorga2@usf.edu
4202 E. Fowler Ave., ENG 030
Tampa, FL 33620-5350
(p) 813.974.6006
Dear CSE Student,

Registration for summer and fall is ongoing and has been open for a couple of weeks. By this point, most CSE students should be registered. As always, you should register as soon as your time ticket allows. **If you do not have a full schedule, please send me a brief email before Friday afternoon with details about your situation. Please include the information listed below so I can better assess your situation.**

Name:
Student number:
Major:
Expected graduation term: *(Example—Fall 2019)*
Concern: *(Example—I need a theory elective to graduate by fall 2019)*

I may ask you to visit my office if we need to discuss your situation in person. As a reminder, your CSE advisors (Marjorie and John) both offer scheduled appointments and walk-in advising. These hours can be viewed by visiting the CSE website linked below.

Schedule Here

Our goal for every student is to have a full schedule in order to graduate in a timely fashion. The best way to graduate on time is to follow the eight-semester plan in the catalog. This requires planning and being mindful of the demands on your time and the practices you pursue to be successful in your courses. Withdrawing or being unsuccessful in a course or otherwise not following the course sequence can impact your course options in future semesters. You can view the flowchart for your major and catalog year by accessing the page linked below.

CSE flowcharts

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[University of South Florida](http://www.usf.edu)  
A Preeminent Research University
Survive & Thrive

April 24 - April 30

Wednesday, April 24
11am-1pm • Library Lawn
Paws & Relax

Wednesday, April 24
4-6pm • Castor Lawn
Self-Care Wellness Wednesday

Thursday, April 25
11am-2pm • MSC Atrium
Play Your Stress Away

Thursday, April 25
11am-3pm • MSC 3705
Seated Chair Massages

Monday, April 29
10-11am • MSC Atrium
Apple Cookies

Tuesday, April 30
10-11am • MSC Atrium
Breakfast On Us

For reasonable accommodations, please call 813-974-1818.

Center for Student Well-Being
813-974-1818 • usf.edu/wellbeing
SVC 2127

USF / Student Success
Free Summer Interview Prep Class

Finish the summer in a virtual career fair with dozens of great companies!

This is a summer virtual course taught by professional engineers to help you ace technical interviewing and give you a preview of real-world software topics in industry. This course prepares you for solving challenging algorithm problems in real whiteboard and coding interviews at top companies. Includes lectures, labs, mock interview practice, and info sessions from industry experts.

Apply here:

https://codepath.org/classes/interviewprep?utm_source=newsletter&utm_campaign=AnitaB
NASA Fellowship Opportunity

Eligibility requirements:
➢ Be a U.S. citizen or naturalized citizen (permanent residents are not eligible) at the time of proposal submission.
➢ Hold a Bachelor’s degree in an STEM field; earned before August 31, 2019.
➢ Have a minimum 3.0 GPA on a 4.0 scale.
➢ Be enrolled in a Master's or Doctoral degree program no later than September 1, 2019.
➢ Intend to pursue a research-based Master's or Doctoral program in an engineering field.
➢ Have a projected degree plan for continuous full-time enrollment up to or after May 2022.

Topics of interest:
1. End-2-End Simulation Model (Including Electromagnetic Scattering Model for Earth Surface) Development for Space Born Bi-Static Radar Operating over VHF Band (250-300MHz).

Compensation:
Each PhD Fellow will receive up to $55,000 annually for 3 years (MS, $50,000) plus tuition and research cost.

Information and application:
Visit https://www.nasa.gov/education/fellowships-scholarships/index.html
Contact Dr. Sheybani at (804) 520-0102 or sheybani@usf.edu
Deadline: May 1, 2019.
Rewriting the Code

Rewriting the Code is a national non-profit organization dedicated to empowering a community of college women with a passion for technology. We believe that through participation in a supportive, all-female tech community, college women will feel inspired and supported to rise together to become the next generation of exceptional engineers and tech leaders.

Our community is free and open to all college women pursuing computing majors such as engineering, computer science, statistics, and math. As part of our community, you’ll also have an opportunity to become a Rewriting the Code Fellow, which will give you access to further benefits.

ABOUT THE FELLOWSHIP PROGRAM:
This year-long program is designed to complement a student's academics and offers opportunities for coaching, educational programming, industry exploration, networking, and the potential for a summer internship or full-time job with one of Rewriting the Code’s partner organizations.

Eligibility:
• Be a current or incoming (Fall 2019) female student in a U.S. or Canadian college or university in pursuit of a bachelor’s degree
• Be entering their 1st-4th year as a female undergraduate student studying a subject that could lead to a career in tech (such as Computer Science, Engineering, Math, Statistics, etc.)
• Produce a resume that clearly showcases experiences and projects that use the technical skills you have obtained in and out of the classroom

Benefits:
In collaboration with the student Fellows, computer science and engineering educators, and leaders of tech companies, we have designed the Fellowship Program to respond to what women in computer science and engineering say they want and need:
• Educational programming that complements what they learn in their college courses and helps prepare them for success in their internships
• Leadership training and confidence building programs that directly address their feelings of isolation, imposter syndrome and implicit bias
• Activities and informal interactions that encourage a sense of community and peer support from other young women in tech
• Coaching and mentorship from women and men with professional experience and commitment to helping the next generation of women in tech
• Meaningful interactions with leaders in tech companies to learn about the opportunities, priorities and cultures at different companies
• Chance for real world, applied work experiences such as internships with RTC partner tech companies

DEADLINE TO APPLY: APRIL 23, 2019

More information can be found here: https://rewritingthecode.org/fellowship/
Get On the Road to Your Dream Tech Job

Graduation is quickly approaching and LaunchCode is on the hunt for recent graduates with a desire to launch a career in software or web development in the Tampa Bay area.

As a national nonprofit focused on closing the tech talent gap, LaunchCode is working with 50+ local companies to create a special on-ramp program for those who have the right tech skills, but just need an opportunity to start a career in technology.

So, How Does It Work?

1. Register your account at launchcode.org/apply
2. Tell us your story and show us your tech skills through our online application
3. Interview with a local LaunchCode staff member to walk through a project that displays your tech skills
4. We’ll connect you to tech employers in the Tampa Bay area
5. Start a paid apprenticeship as a software or web developer! Apprenticeships are typically 90 days.

More than four out of five LaunchCode tech apprentices convert to permanent employment.

Come and join us to start your tech journey. Apply to be considered today!
We collaborate and innovate...
Our North American Supply Chain network brings technology and people together in innovative ways to deliver state-of-the-art products, services, and expertise. Our extensive portfolio of opportunities span from traditional inventory, fulfillment and delivery to specialized strategy, automation, engineering, analytics, leadership, and logistics. Our diverse network paired with a continued commitment to and investment in our people, process, platforms and the communities in which we live and serve are the foundation on which we build our bright future.

If you are interested in leveraging your talents to drive innovation, customer satisfaction, market growth, personal development and industry change in a dynamic team work environment—please explore the opportunities within our world class Supply Chain team!

**Position Summary:**

The Staples Controls and Automation Group (CAG) is the primary driver of innovation within the Staples North American delivery network. The CAG Engineers have a wide variety of skills including software engineering, controls engineering, electrical engineering, systems design, problem solving, communication and leadership skills. They are part of diverse teams, with members from many different departments, so they must be able to gain the trust of others and work well in a team environment to ensure successful completion of high profile projects.

**Primary Duties and Responsibilities:**

- Work with multiple cross functional engineers to bring a solution from concept to reality.
- Work closely with cross functional teams to integrate conveyer control solutions, automated material handling equipment, and autonomous vehicles.
- Ability to provide technical expertise in software engineering.
- Perform weekend implementation support when required.
- Perform necessary software development under the supervision of CAG leadership.
- Perform design and code reviews with CAG project team members.
- Perform unit tests and quality assurance with CAG engineers.

**Qualifications**

**Essential Skills Required:**

- BS or MS (In Progress) in: Software Engineering, Systems Engineering, or similar degree.
- Junior/Senior undergraduate level minimum.
- Familiarity with the following programming languages: C#, Java, Python
- Familiarity with the following operating systems: Windows Server 2012 and Linux Redhat 7.5
- Familiarity with the following databases: SQL Server 2017 and Postgres
- Understanding of computer networking concepts and architecture.
- Warehouse operations management experience or experience with warehouse management and/or execution systems is a plus.
- Strong problem-solving and analytical skills in software and hardware.
- Excellent written and oral communications skills, strong interpersonal skills, detail oriented and the ability to conduct meetings and presentations with associates from all levels of management.

**Contact:**

Sebastian Mora  
Automation Engineering Manager  
4661 Oak Fair Blvd, Tampa, FL 33610  
Email: Sebastian.Mora@Staples.com
Internship for
Full Stack Python Developer

About Us
Master Medical Network LLC (www.mastermedical.net) licenses state-of-the-art telemedicine software. Our software has two main modules: one for encrypted video communications and data sharing; and one for human resource and healthcare skillset management. We have been providing telemedicine solutions since 2010 and healthcare providers have been using our proprietary software to deliver patient care from a distance since 2015.

Learning Goals

- Learn about state-of-the-art technology facilitating the remote delivery of healthcare (telemedicine).
- Get experience working on a commercially active project to achieve a very concrete result—changing how healthcare is delivered.

What we offer

- Experience and opportunity with a company poised for growth
- Pay according to skills and availability
- Education in telemedicine
- A flexible work environment

We know that school is a priority. We will factor time you need for course work and exams into assignments. We expect you to let us know about demands on your time from schoolwork in relation to the commitments you make to us for time and delivery dates.

About You

We are looking for people with an IT or computer science background who want to work on a part-time basis.

- Write reusable, testable, efficient code to specifications and requirements
- Back-end: Python and Django framework / PHP
- Front-end: HTML5 / CSS3 / jQuery / JavaScript
- Administration of Linux Systems
- Maintain the system and fix bugs when they occur
- Ensure the security of the system
- GIT, Continuous Integration
- Strong sense of responsibility
- Manage other programmers
- Work from anywhere much of the time

Apply with cover letter and resume
Gilbert Leistner, CEO
ceo-contact@mastermedical.net
Job Description

Requisition ID: 7837181128

Johnson & Johnson is currently recruiting for a Software Engineer for our Tampa Development Center. The position is located in Tampa, FL.

Johnson & Johnson, through its operating companies, is the world’s most comprehensive and broadly-based manufacturer of health care products, as well as a provider of related services, for the consumer, pharmaceutical, and medical devices and diagnostics markets. We strive to provide scientifically sound, high quality products and services to help heal, cure disease and improve the quality of life.

This role will operate in a scrum/agile team environment to define and implement solutions across all areas of J&J. This team is responsible for maintaining the highest levels of development practices, working towards continuous improvement of those practices, and maintaining and upgrading implemented systems.

Responsibilities:

- Develop and implement new software programs under direction of tech lead.
- Maintain and improve performance of existing software.
- Produce clean, efficient code based on specifications and best practices.
- Troubleshoot, debug and upgrade existing and new software.
- Create technical documentation for reference and reporting.

Qualifications

- Bachelors degree in Computer Science or related IT discipline required.
- Demonstrate and execute basic to strong knowledge of at least one mainstream programming language (Java, .Net, etc.)
- Understanding of object-oriented programming (OOP).
- Understanding of Database concepts
- Excellent communication and interpersonal skills
- Ability to solve problems efficiently and quickly.
- Desire to work with emerging technologies
- Excellent organizational and time management skills
- This position is required to sit in Tampa, FL

Apply here: https://jobs.jnj.com/jobs/7837181128?
iD Tech Summer Job

This summer, iD Tech will hire over 1,600 instructors and staff from across the world to show students, ages 6 to 18, firsthand how their interests in technology can turn into fun learning experiences. Some of our courses include game design, programming, machine learning and more.

We’re looking for energetic, tech-savvy, summer staff who understand the need for quality technology education for young students. So why not spend your summer instructing, mentoring, and building your resume in one of our amazing programs? You’ll make a positive impact on the lives of students this summer and potentially inspire them to aim for big ambitions. Our summer jobs are as fulfilling as they are fun!

Staff members receive competitive compensation, room & board (overnight staff only), custom built apps supporting operations and curriculum, college internship credit (if applicable), guidance from our experienced team of managers, and more.

Take the first step to a great summer!

Learn more & Apply today  https://www.idtech.com/jobs/summer-jobs