Dear CSE Students:

Welcome to the fourth and last newsletter of the Spring 2017 semester.

**Message from the UG Advisor:** Registration continues. If you are having issues that are preventing you from registering, please see me. I have walk-in and scheduled hours available. If you are close to graduation and you have not completed a graduation checklist, please see me now. We will soon starting filling Ethics (for both CS/CpE and IT) with juniors – if you are a graduating senior and you need this course then you need to act now. It is your responsibility to register at the start of your scheduled time slot.

**Message from the Grad Program Assistant:** The College deadline to submit a Summer 2017 Graduation Checklist is April 28th. If you are planning on graduating this Summer and are a thesis student, please do not forget to submit your Committee Form at the end of this semester. If you passed the Qualifying Exams Fall 2016, the deadline to submit a Candidacy form is April 26th. Summer and Fall 2017 registration is now open, please do not register for more courses than the required (9). If you would like to take more than 9 credit hours in Fall, please come and see me in ENB 342D.

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

- “Full time” email from John Morgan
- 2017 Eli Lilly and company/BPDA scholarship
- OpenWERX Challenge
- Arrow Electronics establishes innovation prize at collegiate inventors competition
- Citi Global Banking Curriculum Boot Camp
- GSM IT Support Position
- IHMC Summer Internship
- Litly Lead Web Developer

Regards,

Ken Christensen
Professor and Associate Chair of UG Affairs

The archive of old newsletters can be found at http://www.usf.edu/engineering/cse/undergraduate/student-newsletter.aspx
“Full time” email from John Morgan

On Apr 12, 2017, at 5:16 PM, Morgan, John <jpmorga2@usf.edu> wrote:

Dear CSE Student,

Registration has been in progress for a couple of weeks. By now, you should have had an opportunity to register and establish a schedule. As you know, we prefer that you register for at least 12 credits during fall and spring (full time). If you are not enrolled full time and you wish to be, please let me know by Sunday evening. This is especially important if you expect to graduate this summer or fall and are unable to register for a required course. There is no need to respond to this message if you are enrolled in an elective other than the one you prefer. In that situation, you will want to keep an eye on the schedule search. When contacting me, please include your student number and the information you think will help me address your concerns. If you have limited course options, let me know why. You don’t have to write an essay but do convey the issues that are preventing you from registering.

Note: I will be out of the office this Thursday and Friday.

Most of my scheduled appointments are already booked. I do have hours set aside for walk-in advising
http://www.usf.edu/engineering/cse/undergraduate/contacts.aspx

Sincerely,

John Morgan
Undergraduate Academic Advisor
Computer Engineering, Computer Science & Information Technology
jpmorga2@usf.edu

Computer Science & Engineering
4202 East Fowler Ave., ENB 118
Tampa, FL 33620-5350
(p) 813.974.6006
(f) 813.974.5456

USF eScheduler (current students)
2017 Eli Lilly and Company/BDPA Scholarship

Scholarship Overview:
The purpose of the Eli Lilly and Company/Black Data Processing Associates (Lilly/BDPA) Scholarship is to recognize outstanding minority students, with an interest in Information Technology, who make significant contributions to society. Applicants must excel academically, show exceptional leadership potential, and make an impact in their communities through service to others.

Lilly/BDPA Scholars will be awarded a one-time $2,500 scholarship that may be used to pursue an Information Technology focused degree at an accredited four-year college or university of their choice. The Lilly/BDPA scholarship may be used to supplement benefits from the college or university that the student plans to attend and fellowships from other foundations or organizations. Students may use the scholarship to cover the cost of tuition, fees, books, room and board, and other college-related expenses.

Scholarship winners will be selected based on the application, essay, and letters of recommendation.

Eligibility Requirements:
To be eligible for the Lilly/BDPA Scholarship, each applicant must:

- Be a U.S. citizen or permanent resident of the United States.
- Be a graduating high school senior or current college student in good standing at the time of their application.
- Be an active member of BDPA (if required, reference www.bdpa.org for membership information).
- Demonstrate academic achievement (minimum cumulative GPA of 3.0).
- Applicant should be pursuing a degree in information systems, computer science, computer engineering, or a computer science related discipline.
- Exhibit leadership ability through academic or civic involvement and participate in community service activities.

Applicants must submit a complete application packet, which includes the following:
- Application Form
- Passport-sized Photo
- Current official-sealed school transcript
  - For high school applicants, your official transcript MUST include your senior year grades
- Two letters of recommendation
- One 500 word essay on the following topic:
  - Describe the importance of Information Technology and how it has changed our day-to-day lives.
APPLICATION DEADLINES:

The Lilly/BDPA Scholarship Program deadline is **June 2, 2017**.

- Applications and supporting materials must be in **one packet** and sent directly to Lilly at the address listed below.
- All application materials must be “received by” June 2, 2017.
- E-mailed or faxed applications will not be considered.
- Each applicant will be notified of the outcome of their submission:
  - Winners will be announced at the 2017 National BDPA Technology Conference. Winners’ names will also be posted on the BDPA website.
  - Awards will be distributed with confirmation of enrollment in an accredited four-year college or university
  - Non-winners will be sent a letter of appreciation from the Lilly/BDPA Scholarship committee

MAIL COMPLETED APPLICATION PACKAGE TO:

Eli Lilly and Company  
Attn: Cherise Poole  
Lilly Corporate Center  
Drop Code 1756  
Indianapolis, IN 46285

**For questions:** c_poole@lilly.com
2017 ELI LILLY AND COMPANY/BDPA SCHOLARSHIP APPLICATION FORM

Applicant Information

Name: ____________________________________________________________

Address: ____________________________________________________________

Email Address: ____________________________________________________________

Home Phone: (____)___________ Cellular Phone: (____)___________

Parent(s)/Guardian(s) Name(s):

________________________________________________________

Educational Information

High School Attended: ________________________________________________ Graduation Year ______

ACT _____ SAT _____ Class Rank _____ Class Size _____ Cumulative GPA ______

College Planning to Attend/Attending: ____________________________________________

Currently Enrolled? Yes _____ No _____ Classification ____________ Cumulative GPA ______

Planned/Current Area of Study: ____________________________________________

Honors and Activities

1. List your school activities including dates of involvement and your role (officer, member, volunteer, etc.). List each activity separately.

2. List all awards & honors that you have received. Provide the name or the award or honor, and the date of the recognition

3. List your involvement in community service activities including name of the activity or event, location – city, & state, dates of activity, and your role. List each activity separately.

4. Are you a current active member of BDPA?
   Yes _____ No _____

5. If you are a BDPA member, are you a participant in the BDPA Indianapolis Chapter SITES program?
   Yes _____ No _____

6. Are you participating in the 2017 BDPA National Technology Conference?
   If yes, in what capacity? ____________________________________________
Application Package Checklist

- Application Form
- Passport-sized Photo
- Current Official-Sealed School Transcript
- One 500 word essay on the following topic:
  - “Describe the importance of Information Technology and how it has changed our day-to-day lives.”
- Two letters of recommendation

Signatures

I hereby certify that I have provided true and accurate information on this application. I understand that the my grade point average, academic honors, extracurricular activities, and other related records will be reviewed by the Lilly/BDPA Scholarship committee for scholarship consideration. I hereby authorize and consent to that review.

__________________________________________  ______________________
Signature of Applicant                                      Date

__________________________________________  ______________________
Signature of Parent or Guardian                              Date

Mail Completed Application Package to:
Eli Lilly and Company
Attn: Cherise Poole
Lilly Corporate Center
Drop Code 1756
Indianapolis, IN 46285

For questions: c_poole@lilly.com

*All application materials must be received by June 2, 2017*
OpenWERX Challenge
Challenge: Data Science
May 12-13, 2017

*First place: $5,000 - Second place: $3,000 - Third place: $1,000*

SOFWERX is hosting a Data Science Challenge starting Friday, May 12 at 6pm through Saturday, May 13 at 4pm.

In less than 48 hours, you and your team can win $5,000 for first place, $3,000 for second place and $1,000 for third place. Winners will also be announced during the Special Operations Forces Industry Conference (SOFIC).

If you or anyone you know wants to compete in this challenge, please register your team no later than 9 May.

To register for this OpenWERX Hackathon:
www.sofwerx.org/openwerx-hackathon/

For more information on other and/or past challenges:
www.sofwerx.org/openwerx/
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FOR IMMEDIATE RELEASE

ARROW ELECTRONICS ESTABLISHES INNOVATION PRIZE
AT COLLEGIATE INVENTORS COMPETITION

NORTH CANTON, Ohio – March 30, 2017 – A $50,000 grant from Arrow Electronics of Centennial, Colo., will fund the new Arrow Innovation Prize at the Collegiate Inventors Competition®.

A panel of judges from Arrow will select a student team participating in the Competition to be awarded the Arrow Innovation Prize. This exclusive prize advances the selected team to the final round of judging (all expenses paid) at the November competition held at the United States Patent and Trademark Office (USPTO) Headquarters in Alexandria, Va. The Arrow Innovation Prize also includes a private networking opportunity for the student team with a group of innovators from Arrow Electronics — a Fortune 150 global technology-solutions provider.

“The Arrow Innovation Prize is an ideal way for Arrow to further its mission of guiding today’s innovators to a better tomorrow,” said Alex West, global corporate social responsibility manager at Arrow. “We can’t wait to see the transformational inventions these exceptional students present and how Arrow can help move their ideas forward.”

“The Collegiate Inventors Competition recognizes and rewards our nation’s brightest young entrepreneurs and innovators,” said Michael Oister, National Inventors Hall of Fame CEO. “This year, our partnership with Arrow Electronics will allow us to expand the amazing talent pool, engage the country’s most innovative universities, and provide the unique opportunity for students to connect to Arrow’s global technology leaders.”

Student innovators and entrepreneurs in higher education have an opportunity to meet the country’s foremost invention and intellectual property experts, and showcase their work, at the Collegiate Inventors Competition. This nationwide program recognizes America’s most innovative students for their emerging ideas in science, technology, engineering and other disciplines.

Inventions are judged by a panel of National Inventors Hall of Fame Inductees and USPTO experts — the most influential innovation experts in the country — for real-world feedback on optimizing the potential of each invention.

Competition Finalists will showcase their inventions and interact with thousands of attendees — including USPTO examiners, event sponsors, media and the public — at the Nov. 3 Expo and Awards Ceremony. Prizes will be awarded to the top three Finalist teams ($10,000, $5,000 and $2,500), along with their advisers, in the undergraduate and graduate divisions.

The Collegiate Inventors Competition is a program of the National Inventors Hall of Fame. The United States Patent and Trademark Office is a Presenting Sponsor, with additional support from Arrow Electronics.

About Arrow Electronics
Arrow Electronics is a global provider of products, services and solutions to industrial and commercial users of electronic components and enterprise computing solutions. Arrow serves as a supply chain partner for more than 125,000 original equipment manufacturers, contract manufacturers and commercial customers through a global network of more than 465 locations serving over 90 countries. Arrow embodies Five Years Out thinking and guides innovation forward with customers, suppliers and business partners as well as within the...
community. Defining Five Years Out as the tangible future, Arrow looks to navigate the path between what is possible and what is practical to help create the future of everything from cars to coffeemakers. Learn more at www.fiveyearsout.com.

About the Collegiate Inventors Competition
The Collegiate Inventors Competition encourages and drives innovation and entrepreneurship at the collegiate level. A program of the National Inventors Hall of Fame, this Competition recognizes and rewards the research, innovations and discoveries by college students and their advisers for projects leading to inventions that have the potential of receiving patent protection. Introduced in 1990, the Competition has awarded more than $1 million to students for their innovative work and scientific achievement through the help of its sponsors.
Citi is pleased to be rolling out its Global Banking Curriculum Boot Camp on the USF campus during the Spring 2017 semester and want to see YOU there.

Session Dates, Times and Location:

- Session 1: April 18 5-6.30pm BSN 115
- Session 2: April 19 5-6.30pm BSN 115
- Session 3: April 21 3:30-6.30pm BSN 225

Students will be registered on a first come first serve basis starting 8:00 A.M. on April 13th. Students applying before the registration start time will be ineligible. Interested student should send an email to Melony Herron at melony@usf.edu requesting registration.

Citi is the largest global bank and financial services corporation serving individuals, communities, institutions and nations. Citi has 200+ years of experience and connects over 1,000 cities, 160 countries and millions of people.

Students will hear first-hand advice about pursuing a career in the **financial industry specifically in finance, cyber-security, institutional banking, trade and market operations, risk management, and technology development.**

The sessions are designed for students interested in the banking industry from a business or engineering perspective. Those in attendance will have the opportunity to listen to Citi and industry senior leaders as they discuss their roles and careers. Students will also have time to interact and ask questions.

Students who successfully attend all three sessions in full will receive a certificate of completion from USF and Citi.

Don’t miss out on this opportunity to hear from and speak to leaders, and receive a certificate in global banking.

**Citi is ready, are you?**
IT Support Position Needed

Global Safety Management Inc. (GSM) is looking to hire a Part-time IT support person with the following responsibilities:

- Server Maintenance including updates and backup monitoring via Carbonite (Windows Server 2008 R2)
- Computer and Laptop setup/maintenance
- Software Installs
- Troubleshoot network issues
- Hardware repair and diagnostics
- Microsoft Windows management
- Office 365 and SharePoint maintenance
- Moving computers, monitors and some other equipment (Flat screen TVs)
- Wiring of computers/monitors/printers etc.

20 hours a week, flexible hours between 8 am and 5 pm, Monday through Friday.

Global Safety Management, Inc. (GSM), is a Tampa based company that offers software as a service to assist organizations comply with safety data sheet requirements worldwide.

To apply please send your resume to: serena.gallardo-ramos@gmsds.com.
IHMC Summer Internship

We seek for talented student researchers to be a part of the IHMC research team to work on a project to build emotion AI into a TTS (English) translating pre-recorded wav files. The position is available for students who are currently pursuing a graduate degree in computer science, computational linguistics or related fields. We can also consider undergraduate students with a distinguished profile.

The candidate will work on processing natural language text building NLP pipelines, using machine learning techniques for emotion classification and sentiment analysis.

The ideal candidate will have a preferred background in natural language processing and machine learning. The internship candidate should have the ability to write clean code in Java with high standards, familiarity with Scala programming language is an advantage. We expect a candidate with excellent analytical and problem-solving skills and good communication and teamwork ability.

To Apply: Please send a resume, cover letter (maximum two pages) and names of two references to cs+nlp@ihmc.us; send your questions to the same Email.

Location: This work will be done under the supervision of Dr. Parisa Kordjamshidi at Tulane University, New Orleans.

Application Deadline: April 15th 2017 or until filled

IHMC is an AA/EEO Employer.
Lead Web Developer
Tampa, Florida, U.S.A.

What is Litly?
Most simply, Litly is a metadatabase of creative works (think: short stories, comics, and poems) published online. Because Litly is a metadatabase (as opposed to a standard database), it doesn’t house publications; instead, it sorts and hosts information about publications. Founded in 2016 by a USF graduate student, Litly aims to create an online space where readers, writers, and educators can easily access and archive creative publications from around the web.

Check out our proof of concept site for a closer look at the project: [www.tiny.cc/litly](http://www.tiny.cc/litly)

Job Description
Lead Web Developer will be given complete technical control over Litly’s web development process and will be responsible for fully developing Litly into a searchable metadatabase. The Lead Developer may choose to work alone or with a curated team of qualified individuals.

Skills + Qualifications
- Basic knowledge and experience in HTML, CSS, Javascript
- Basic knowledge and experience in either PHP/LINUX/APACHE/MySQL or ASP(.NET)/Windows/IIS/MS SQL
- Basic understanding of Software Development Lifecycle Phases including system analysis, design, coding, testing, debugging, and documentation
- Basic understanding of frontend/backend application development
- Basic knowledge of databases and database structure
- Basic understanding of website development process

Applicants should also be able to attend regular team meetings in the Tampa Bay area; however, all development work may be completed from home at the developer’s leisure. (On average, the Lead Developer will be expected to commit 5-10 hours/week to The Litly Project.)

Why Should You Apply?
- Gain on-the-job experience and build resume/portfolio
- Enjoy full technical control of web development process
- Fulfill academic project requirements
- Enjoy flexible work schedule
- Obtain grant funding*

To apply, send your resume and a cover letter to litllymetadata@gmail.com.
Have a question? Address your email to Georgia Jackson.

*Grant funding may be available to individuals willing to make a long-term commitment to The Litly Project.