Dear CSE Students:

Welcome to the second newsletter of the Fall 2020 semester.

### Message from the UG Advisor:

- Fall 2020 graduates, the deadline to apply for graduation in OASIS for the Fall 2020 semester is Monday, Sept. 21. This is separate from the graduation checklist. Spring and summer graduates, we will send out a reminder when graduation checklists are due later in the fall term. If you need advising, we are available for scheduled appointments in Archivum.

### Message from the Grad Program Assistant:

- The deadline to apply for graduation in OASIS for the Fall 2020 semester is **Monday, Sept. 21**. If you are graduating, you also need to submit your final plan of work and the graduation checklist to me as soon as possible.
- **For TA/RA**: Tuition Waivers are being processed. Please be sure to check your OASIS account and let me know if your tuition has not been waived by **Sept. 30**. Please do not email before Sept. 30, as they do take time to process. Fees for RA/TA students are due by 5:00pm on **October 9**.
- For PhD students who are planning to apply for candidacy, you must schedule your major area presentation and submit all your documents to me by **December 1**, so that they can be processed before the end of the semester.
- **Students planning to graduate in Spring 2021** should check your OASIS account now to make sure you do not need to submit a course transfer, change of major, or any other forms that may hold up your graduation if you wait until spring to submit them.

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

- USF Hispanic Heritage Poster Contest
- USF Global Citizens Project Challenges
- USF Research Opportunities
- Carnegie Mellon Postdoctoral Positions Open
- National Center for Women & Information Technology Award Application
- Google Student Newsletter
- International Game Developers Association Informational Flyer
- Department of Defense Externship Opportunity
- Information Technology Specialist Position at Caribbean-Florida Water Science Center

Regards,

Ken Christensen
Professor and Associate Chair of UG Affairs
USF Hispanic Heritage Celebration
Poster Contest 2020

$300 Prize

Application

Name (PRINT): __________________________________________________________

Address:  ____________________________________________________________________________

Phone: __________________________   Email Address: ________________________________

ALL ENTRIES ARE SUBJECT TO THE FOLLOWING RULES AND CONDITIONS OF THE CONTEST:

1. Only one poster may be submitted per artist.

2. Contestants include USF students, staff and faculty.

3. Poster should include the following:
   a) The artist signature on the poster.
   b) Paint, oils, pencils, markers, or graphic generated art.
   c) 11x17 inches dimensions, vertical design orientation.
   d) The artist’s interpretation or rendition of Hispanic Heritage. Artists using graphic generated art are responsible for abiding by the copyright rules.

4. The winner will be selected by the USF Hispanic Heritage Celebration Committee members and will be notified by email. Poster will be featured at the USF Hispanic Heritage Awards 2020 Virtual Celebration.

5. **DEADLINE:** Friday, October 2, 2020. Email your application form and scanned poster to lorelly@usf.edu.

By signing this application, I hereby accept the conditions above.

I have read, understood, and agreed to the conditions above.

Applicant/Artist: __________________________________________________________ Date: __________________________
Challenges on Social Justice

October 5th - 31st

1. No Poverty
2. Good Health and Well-being
3. Quality Education
4. Decent Work and Economic Growth
5. Reduced Inequalities
6. Sustainable Cities and Communities
7. Peace, Justice and Strong Institutions
Dear Students,

I have recently had a new project funded, and we need to hire some personnel, 2-3 undergraduates and 1 MS student. In short, the work would involve smartphone app development for asthma self-management in teens. More detailed descriptions of the project and the desired skills are below. Please contact me with any questions, or if you’d like to apply, please send me your resume.

Paul Rosen, Ph.D.
Assistant Professor
Computer Science and Engineering
University of South Florida
prosen@usf.edu
http://www.cspaul.com

Research and Development Positions Available for New National Institutes of Health Project

**Project Title**: Feasibility of mHealth Technology for Improving Self-Management and Adherence Among Asthmatic Adolescents

**Project Overview**
Dr. Paul Rosen, in collaboration with Dr. Amy Alman (COPH), Dr. Marisa Couluris (Pediatrics), Dr. Claudia Parvanta (COPH), Dr. Sanghoon Park (Education), and Dr. Henian Chen (COPH), have received a 3-year, R34 grant from the National Institutes of Health titled, “Feasibility of mHealth Technology for Improving Self-Management and Adherence Among Asthmatic Adolescents.” With this grant, they will be studying the feasibility of using mobile health technology to improve the self-management of asthma in adolescents.

Asthma is the most common chronic disease in childhood, making it a significant public health burden, and asthma self-management is essential for preventing exacerbations and reducing the burden of the disease. However, poor adherence to prescribed treatment and poor recognition of symptoms leads to reduced asthma control, particularly among adolescents. This pilot study is designed to test the feasibility, acceptability, and adherence to a smartphone app specifically designed for self-management among adolescents with persistent asthma.

**Job Description**
I’m looking to hire:

- 2-3 undergraduate REU student @ 10 hours per week
- 1 Masters student @ 10 hours per week

For these positions, the students will be designing and developing the phone app used for asthma self-management among adolescents with guidance from the project’s investigators and teens who have asthma and are managing it conventionally. Some tasks include:

- Reviewing the latest research on developing engaging phone apps
- Learning about the tools of asthma management
- Participating in app design brainstorming sessions
- Prototyping and developing the app software
• Building assets (images, videos, 3D models, etc.)
• Interacting with target users (virtually)

Preferred skills and experience:
• App development, React native specifically
• UI/UX design
• Asset development, e.g., Blender (or equivalent), Photoshop (or equivalent), etc.
• Team-oriented software development, i.e., Scrum/agile development, git
• Ability to work independently with minimal direction
• Creative ideas about building engaging phone apps

The commitment period would be 6-9 months, with the possibility to extend longer for some students.

**Interested in Applying?**
Please contact Dr. Rosen at <prosen@usf.edu> with a resume and to arrange an MS Teams meeting.
Postdoctoral Positions open at Carnegie Mellon

**Agent-Based Modeling and social media**

The Center for Informed Democracy and Social-cybersecurity and Computational Analysis of Social and Organizational Systems at Carnegie Mellon University is looking to hire a Post-Doc. The successful applicant will work with Dr. Kathleen M. Carley and her team assessing the dynamics of disinformation spread within and across social media platforms. Disinformation will range from inaccurate images and facts, to conspiracies. This will involve processing huge data sets of social media data from multiple platforms, utilizing ORA for network analytics and the BEND tools for influence campaigns. The successful applicant will identify potential countermeasures and work to extend the Construct simulation model so that virtual experiments regarding these counter-measures can be run. Other activities to include: validation of BEND metrics, conducting virtual experiments, writing up research results in papers for publication, attendance at and presentation in group meetings, and working with undergraduates and master’s students.

To apply go to

[https://apply.interfolio.com/78302](https://apply.interfolio.com/78302)

**SNA and elections - Social media analytics and large scale network analysis using ORA**

The Center for Informed Democracy and Social-cybersecurity at Carnegie Mellon University is interested in hiring a Post-Doc. The successful applicant will work with Dr. Kathleen M. Carley and her team assessing foreign adversary activity in elections across the globe. This will involve processing huge data sets of social media data from multiple platforms, utilizing ORA for network analytics and the BEND tools for influence campaigns. Other activities to include: network analysis of influence campaigns, writing up research results in papers for publication, attendance at and presentation in group meetings, and working with undergraduates and master’s students.

To apply go to

[https://apply.interfolio.com/78252](https://apply.interfolio.com/78252)
2021 NCWIT Collegiate Award Applications Open for Students September 1st!

Do you know a collegiate womxn who has made an incredible contribution to research and/or development on a technical project (including, but not limited to, software & app development)? 

Encourage them to apply for the NCWIT Collegiate Award!

WHO
Any undergraduate or graduate student who self-identifies as a woman, genderqueer, or non-binary who is pursuing a major or minor in a technical field is welcome to apply! Find out more about our eligibility requirements.

WHAT
The NCWIT Collegiate Award, sponsored by Qualcomm and Amazon with additional support from Palo Alto Networks, recognizes the outstanding technical contributions to projects demonstrating a high level of innovation and potential impact. Ideal projects for this award include a significant computing component and can include internship projects, independent work, research projects, or significant class projects. Past projects include: software and app development, machine learning, big data, bioinformatics, cybersecurity, space, and more.

WHEN
Applications are conducted in two rounds: Preliminary Round and Finalist Round.

➔ Preliminary Round applications open September 1 and are due October 15, 2020.

WHERE
Start your application: https://www.aspirations.org/recognitions/AiCCollegiateAward

WHY
Finalists receive:
● Recognition, $150 cash prize, and an award certificate.
Award recipients receive:
● A cash prize ($10,000 for Winners and $2,500 for Honorable Mentions)
● Opportunities to network with sponsors in the industry.

HOW
● Encourage a collegiate student to apply!
● Share the opportunity with your colleagues and networks.

Questions? Contact us at aiccollege@ncwit.org
Welcome Back to School

Going back to school may look a little different this year. Google remains committed to providing resources and skill building opportunities to help you make the most of your Fall, regardless of whether you are studying on campus or virtually.

With our Careers OnAir virtual event series, you can tune in to live or recorded events and have your questions answered by Googlers via chat. Can’t make something live? No problem, you’ll be able to watch the videos on demand after they air. This month we’ll have a variety of content—everything from strengthening your resume, practicing for technical interviews, learning about Google’s Cloud Technical Residency, and more! Make sure to check out our Latinx+ panels as we celebrate Hispanic Heritage month.

We’ll be back next month to share more updates and information. In the meantime, consider joining Connect with Google and email techstudents@google.com with any questions.

Careers OnAir Virtual Events

We invite you to join us for a virtual event series. Each month we’ll host a variety of workshops and discussions with Googlers to provide professional and technical skill building resources, as well as an inside look at Google’s culture. Head to careersonair.withgoogle.com to register and add our upcoming sessions (highlighted and linked below!). Googlers will also be answering questions live via chat for most of our sessions.
Resume Workshop with Google

Wednesday, September 9 @ 4:00PM PT / 6:00PM CT / 7:00PM ET

Are you a university student submitting applications for internships and full-time opportunities this semester? Join us for this resume workshop to learn tips on how to format, structure, and create detailed content for your resume. We recommend having an updated resume on hand so you can apply your knowledge in real time.

STEP Internship Overview

Wednesday, September 16 & Thursday, September 24 @ 4:00PM PT / 6:00PM CT / 7:00PM ET

The Student Training in Engineering Program (STEP) is a 12-week internship for first- and second-year undergraduate students with a passion for Computer Science. These videos intend to provide additional information for students considering applying to STEP in the US, Canada, and Mexico specifically. Join us to learn about the STEP Internship and how to approach the application as well as building your resume. An engineer will also share STEP interview tips and walk through sample interview questions.

Cloud Technical Residency

Thursday, September 17 @ 3:00PM PT / 5:00PM CT / 6:00PM ET

Tune in as Googlers discuss how you can start your full time career as part of Google's Cloud Tech Residency program. We'll be providing information on the overall program, what project rotations entail, what the interview process looks like and how to best prepare.

Resume & Beyond: Standing out Online

Monday, September 21 @ 4:00PM PT / 6:00PM CT / 7:00PM ET

Wondering how you can refresh your technical resume before applying to jobs? Join us for a discussion with two Google technical recruiters! They'll be going over the most important areas to highlight on a resume, ways to have a strong online presence, and answering the most common resume-related questions they get from candidates.

Preparing for Technical Interviews

Tuesday, September 22 @ 3:00PM PT / 5:00PM CT / 6:00PM ET

Are you a university student looking to prepare for coding interviews? It's never too early to start practicing! Tune in to learn tips and tricks when it comes to technical interviews as well as some common mistakes to avoid. Google engineers will also be walking through a sample interview coding problem so you can see these tips in practice.
**Accessibility at Google: Chat with Laura Allen**

Tuesday, October 6 @ 4:00PM PT / 6:00PM CT / 7:00PM ET

We sat down with Laura Allen, Senior Program Manager for Accessibility across Chrome & Chrome OS at Google, to discuss her path to Google, her work with Chrome & Chrome OS Accessibility and Teach Access, and offer guidance on how to make products accessible to all. Register to watch that discussion and learn how you can continue to make an impact.

**Latinx+ Leadership Panel & Latinx+ Intern Panel**

Available Now!

In 2019 and 2020, Google Latinx+ leaders and tech interns gathered to discuss topics such as their pathways to Google, the interview process, Latinx+ representation in tech, and how they’ve grown in their current roles. In honor of Hispanic Heritage Month, we are re-releasing these talks to keep this conversation top of mind. We hope you enjoy them as much as we did!

**Skill-Building**

**Google for Education: Applied Digital Skills for Students**

As you gear up for a successful year, tap into skills that will help you prioritize and organize tasks, whether you are hoping to stay on top of coursework or preparing for Summer opportunities. A few recommendations include:

- Organize Your Classes
- Manage a Project With Digital Tools
- Edit Your Resume
- Write a Cover Letter

Explore more of our trusted curriculum from Applied Digital Skills!

**Faculty Corner**

**The Anywhere School: 50+ Google for Education updates**
In the midst of all the change and uncertainty in the world over the past several months, the education community has never wavered in its commitment to learning and supporting students. At Google, we’re honored to work on tools that lighten the load for teachers, school leaders, families, and especially the students who have navigated learning from home with grace and resilience.

As educators worldwide have reinvented their practice online, we’re also adapting our tools to meet the evolving needs of their new educational landscape. This year, we’re taking a virtual approach to "back to school" with The Anywhere School, bringing Google for Education announcements to hundreds of thousands of viewers in more than 250 countries around the world. Learn more about this initiative.

**Faculty Focus Groups**

We are forming Faculty Focus Groups, which are standing groups of faculty that will convene on a monthly basis, starting in October. Teams across Google will come to the group with specific questions on how our products and programs can be improved to better serve you, your students and your communities. These groups will meet monthly for about one hour, including some background prep, and the expectation is that you’d attend about 5 meetings per year.

If this sounds like something you’d be interested in, please fill out this form by September 10. We’d deeply appreciate any faculty input!

**Pathways to Innovation**

**A Fireside Chat with Google Research**

The Google University Relations Research Inclusion team would like to invite faculty and undergraduate students to Pathways to Innovation: A Fireside Chat with Google Research on Tuesday, September 22 from 10:00am - 11:30am PT.

Googlers will share their unique perspectives and experiences, the work they do now, and how they got to where they are today. The conversation will give students an enhanced understanding of computer science and research, the impact they can have on society through these fields, and the many paths available to undergraduate students interested in a research career. This event will also include Q&A between the undergraduate student audience and the panel.

To be considered for this event, fill out this form by Tuesday, September 8. Attendance is limited, so attendees will be considered on a first come, first served basis and will hear from us by September 10.
Kick Start 2020, A Global Coding Competition

Participate in the upcoming round, Round F on September 27 (add the round to your calendar)!

Kick Start is one of our global online coding competitions, offering programmers of all levels the opportunity to hone their skills through a series of exciting algorithmic and mathematical problems designed by Google engineers. Whether you’re interested in learning more about coding competitions, growing your coding abilities, prepping for an interview, or simply having fun, Kick Start offers something for everyone.

Each round starts fresh, so you can participate in any and all upcoming rounds. If you’re not sure how to #KickStart your competitive programming journey, view our tutorial video, where we walk through the competition platform and share tips and tricks on how to solve an algorithmic problem. Learn more about #KickStart and register today at g.co/kickstart.

Visit google.com/students for programs and opportunities

What did you think of this Newsletter? Click here to leave your feedback!

😊 😊😊😊😊

Google
The IGDA is a nonprofit professional association whose mission is to support and empower game developers in achieving fulfilling and sustainable careers. It is the largest game developer membership organization and supports developers through knowledge, communities, and advocacy.

Build Your Resume and Career

Our career development resources will keep you on the cutting edge and give you the boost you need to get the career opportunities you desire and succeed in them.

- Find a mentor in the IGDA Global Mentorship Program and get advice about your career
- Show your portfolio in the IGDA Student Portfolio Showcase for hundreds of employers to review
- Promote your game in the IGDA Game Showcase to 30,000+ other game developers
- Get valuable resume experience as an IGDA Volunteer or IGDA Student Chapter leader
- Participate and compete in IGDA student events like the eJam
- Have professionals review and provide feedback on your resume, portfolio, and projects
- Get early access to job postings, game industry specific career resources, and free career coaching in the IGDA Career Center

Access Knowledge

IGDA members join together to share knowledge, advance the state of the art, and support one another.

- Invite IGDA professionals to speak at your campus through your IGDA Student Chapter
- Attend IGDA webinars for free and enjoy discounts to talks at major game industry conferences
- Consult with subject matter experts in Special Interest Groups and exclusive AMAs
- Share YOUR expertise with speaking and exhibition opportunities at IGDA and partner-sponsored student events

Leverage a Global Network

The IGDA is your gateway to a network of thousands of game industry professionals from around the world, members and non-members alike.

1. Browse over 100 local Chapters and global Special Interest Groups to meet developers in your area or connect with members worldwide
2. Mingle at IGDA-hosted networking events at major game conferences like the Game Developers Conference in San Francisco, US and Melbourne International Games Week in Australia
3. Score exclusive discounts to dozens of game industry conferences and special events year-round

Learn more at: www.igda.org
Externship with Department of Defense’s National Security Innovation Network

The Department of Defense’s National Security Innovation Network, in partnership with Major League Hacking and Duke’s Phoenix Project, is launching a new tech externship enabling builders in your network to solve tech challenges for the military.

The **Tour of Duty** is a fully remote, paid externship where builders can serve their country over 90 days in **2020**. We are keen to recruit a wide variety of U.S. citizens with varied skills (coding, prototyping, product management, design). We'd like to reach beyond full-time students so those taking gap years, or with careers disrupted by COVID, alumni, etc would be ideal candidates.

Applications for the fall cohort close in **5 days**. Applicants may also indicate their interest in externships for the spring and summer.

*The application is here.*
Information Technology Specialist at Caribbean-Florida Water Science Center

**Open & closing dates**
09/08/2020 to 09/22/2020

**Service**
Competitive

**Pay scale & grade**
GS 7 - 9

**Salary**
$49,610 to $77,111 per year

**Appointment type**
Term - 13-Months

**Work schedule**
Full-Time

**Summary**
The DOI-Specific Direct Hire Authority for Information Technology Specialist positions is being used.

This is a term appointment not to exceed 13- months with possible extensions up to a total of 4 years without further competition. Appointment to this position will not convey permanent status in the Federal service.

Salary: GS-07 $49,610 (Step 01) to $64,489 (Step 10); GS-09 $59,315 (Step 01) to $77,111 (Step 10).

**Responsibilities**
As a Information Technology Specialist within the Caribbean-Florida Water Science Center, some of your specific duties will include:

- Provides Tier-1 user support on various IT issues involving software and hardware using either telephonically, in person or ticketing system.
- Develops scripts and/or programs using any of the following languages C# Visual Studio, Perl, Phyton, C++, and VB.
- Maintains IT inventory to include purchase, inventory and disposal of equipment while providing recommendations as technical advisor on IT procurement items related to customer support.
- Follows agency and local office security policies and assisting IT staff to keep windows servers and clients patched and secured.
- Operates a government owned or leased vehicle as an incident driver.

**PHYSICAL DEMANDS:** The work regularly requires considerable dexterity, agility, and strenuous physical exertion such as that needed to: lift heavy objects (computer equipment) weighing 23 kilograms (over 50 pounds) or more.

**Travel Required**
Occasional travel - You may be expected to travel an average of 1 night per month for this position.

Apply here: [https://www.usajobs.gov/GetJob/ViewDetails/578296200](https://www.usajobs.gov/GetJob/ViewDetails/578296200)