CS Tea Talk:

CS Tea Talks Are Back for Spring Term!
March 31: Guest speaker Denis Newman-Griffis ’12, (https://www.newman-griffis.org/) The first CS tea talk of the spring term will be held on Thursday, March 31st, 4pm, Olin 310

"Making data science work in the real world: decision-making and disability"
Denis Newman-Griffis (Pittsburgh/Sheffield) will be talking about recent research on natural language processing and disability studies, and also a bit about the journey that Denis took from Carleton to grad school to a postdoc and, soon, to a faculty position in England. As always, CS tea talks are designed for any and all interested participants, so whether you're a senior major or just about to start day #1 of your first CS class, we'd be delighted to see you!

Our speaker will be presenting remotely, but we will be gathering together in Olin 310 for the talk. For anyone in isolation, there is a Zoom option for this week's talk (link on the CS events page). See many of you in Olin 310 on Thursday!

April 7: Iris Behar, from the Colorado School of Mines – Energy-efficient, Reliable (Fun!) Computing Across the Hardware/Software Stack
The talk will focus on energy-efficient computing (from a software/hardware perspective). Details of the talk will follow, but in the meantime: Iris is on the organizing committee for the Fourth Annual Undergrad Architecture Mentoring (uArch) Workshop, and applications are now open. Details below** -- and applications are now live. If you're interested, you should apply!

April 14: Bruce Schneier on Technology, Security, and Society (details to follow)

Other Department News:

The Computer Science department is hiring Prefects and Course Staff for the 2021-22 academic year.
If you're looking for an exciting and rewarding job, here it is. Positions are now available, and we need your skills and enthusiasm. Here are the job descriptions: Course Staff Member or Prefect
The application is now open. Deadline is Thursday, April 21st, 10:00pm. If you have questions, contact Mike Tie.
Lost and Found: A lost-and-found box is located on the garbage/recycle bin as you enter the east entrance to 3rd floor Olin. Cords, laptops, earbuds, etc., will not be put in the lost-and-found box. They will be kept in Paula’s office (Olin 331) until claimed.

ON-CAMPUS OPPORTUNITIES:

From The Carleton Career Center:

Check Handshake for information on upcoming CS related events.

**Network Development Engineer Intern** (Summer 2022): Apply by April 1

**Product Analyst Intern** (Summer 2022): Apply by April 10

OFF-CAMPUS OPPORTUNITIES:

**Kolenkow-Reitz** summer apps are due Tuesday, March 29, 5:00pm. Kolenkow Reitz provides research support for Carleton students working with non-Carleton science and math faculty at another institution during the summer. These research opportunities are intended to encourage Carleton students’ development as scientists and their exploration of mathematics and the sciences as a possible career, and are appropriate for students at any stage of their STEM exploration!

**Fourth Annual Undergrad Architecture Mentoring (uArch) Workshop**
The workshop is currently scheduled to be held in-person as part of the International Symposium on Computer Architecture (ISCA 2022), and is aimed at undergraduate and early master’s students with an interest in computer architecture. We expect the workshop will most benefit students who will receive their degree in 2023 or 2024 and are considering graduate study. Everyone is welcome to apply (women and people from underrepresented groups are particularly encouraged).

The workshop:
- Introduces students to the challenges and research opportunities in the field of computer architecture.
- Offers networking opportunities with professors in the field of computer architecture. Last year, professors from ~40 universities were uArch mentors (see last year’s website).
- Provides sessions and panels with professors and current students on how to apply for and thrive in graduate school & navigate the architecture research landscape effectively.

You may apply to attend either virtually or in-person. The in-person grant covers travel to New York and registration fees (and is more selective). The virtual grant covers just registration fees. Both options include participation in the networking event, which is held virtually.

**Location:** New York

**Important Dates:**
Brown University Computer Science, in collaboration with the Leadership Alliance, offers an NSF REU Site: Artificial Intelligence for Computational Creativity. Admitted undergraduate students will spend 9 weeks on the Brown University campus* in summer 2022 (June 6 to August 5), conducting research with Brown CS faculty and graduate students; housing costs are covered and a stipend is provided. Research projects encompass AI disciplines (machine learning, reinforcement learning, deep learning, computer vision, multi-agent systems, natural language processing, robotics) and adjacent disciplines (graphics, human-computer interaction). Particular areas of interest include creative generative models, detecting “fake” generated content, AI for game playing, and user experience design for creative AI systems.

Interested undergraduate students should submit applications to the NSF ETAP Portal by April 17.

More information can be found on the AI for Computational Creativity website: http://aireu.cs.brown.edu/

* While the plan is for the program to run in-person this year, there are remote and hybrid contingency options due to Covid-19. Students that wish to complete the internship remotely, due to health or safety concerns, are still encouraged to apply. Questions about the research program and application process can be directed to: laura_dobler@brown.edu

Computing & Informatics REU@UNC Charlotte: Students explore computer vision, visualization and analytics, human-computer interaction, and security for cyberphysical systems to address real-world problems. Learn research skills – engage in the activities/culture of a research lab. Priority Deadline: March 31, 2022.

Calendar of Upcoming Events:

Mar. 28: First day of Spring term classes
Mar. 31: CS Tea Talk, 4pm in Olin 310

Want to receive this newsletter and other CS updates? Sign up for the cs-interest mailing list by contacting Paula Stowe.