The Sentinel: November 15, 2021
News and events happening in the Computer Science Department

CS Tea Talk:

There will not be a CS Tea Talk this week. We'll be back in January with more CS Tea Talks, held Thursdays 4:00-5:00 in Olin 306. Hear from compelling speakers and have fun with other people interested in CS.

(Note: Masking is required at CS Tea events, as these events are open to off-campus visitors.)

Let's Take Care of Our Space!

Clean up your messes (or better yet, don't make them in the first place)

On several occasions during the past week, the custodians serving 3rd-floor Olin have discovered heavy furniture far from where it belongs, blocking doorways, with scrape marks on the floor. Sometimes accidents happen (e.g. you spill a drink with a cover but the cover pops off), but big furniture moved where it doesn't belong? That doesn't happen on its own.

Our custodians are understaffed and overworked. Our facilities have been renovated recently at great expense. Please show respect for our shared spaces and the people who care for them.

OPPORTUNITIES:

From the Carleton Career Center:

The Black Tech Talent Community TechFest is a one day, all ages event focused on introducing the different possibilities technology can offer in improving the lives of the Black community.

> Saturday, November 20, 2021
> 12:00 p.m. – 4:30 p.m.
> 1501 Hennepin Avenue, Minneapolis, 55403

The vision for the TechFest is to create both an educational and fun interactive experience featuring brand activations and demonstrations in areas of finance, health, gaming, and career opportunities.

Activities featuring robots, virtual reality, coding, gaming, career opportunities, and more!

Black Tech Talent will also be premiering new products and services at the event!

Event Registration

Carleton students, use discount code: BTTCommunity (Complimentary General Admission)

Linkedin RSVP

Facebook RSVP

[Tickets](#)
Job & Internship Opportunities
[Job Board](#)
Social Media
[Instagram](#)

Graduate students at Brown's Computer Science department are hosting an online panel discussion geared toward prospective graduate school applicants from underrepresented groups. Join the discussion to learn about the process and ask any questions you might have. The dates and topics of the panels are:
<u>**Faculty Panel:**</u> **Thursday November 18: Time TBD:**
3-6 current Brown CS faculty will be joining the discussion. There will also be break-out rooms to answer research-area specific questions.
Please RSVP to receive the Zoom link on the day of the panel. November 18th will be finalized soon.
RSVP for the panels: https://forms.gle/FZDaACb9RJH8n5YL9

Carnegie Mellon Robotic Institute Summer Robotics Research Opportunities for Undergraduate Students:
Passionate about Robotics & AI? Carnegie Mellon's [Robotics Institute Summer Scholars](#) <riss.ri.cmu.edu> provides high-quality undergraduate research experiences to propel your academic future ([What is RISS?).](#) Conduct research in robotics and artificial intelligence with over 50 [pioneers](#), https://riss.ri.cmu.edu/mentors/> defining the field (e.g. autonomy, field robotics, artificial intelligence, machine learning, human-robot interaction, computer vision, graphics, and space robotics). Applications accepted November 1, 2021 to January 15, 2022 at 12 noon EST. Check [here](#) for additional details.

Bruins-In-Genomics (B.I.G.) **Summer Program:** Do you have a passion for Computing, Biology, Math, and Science? Bruins-In-Genomics (B.I.G.) Summer Research Program is an 8-week full time immersion program (June 20-August 12) for undergraduates interested in learning how to read and analyze genes and genomes. Through this program students will have the opportunity to experience graduate-level coursework, and learn the latest cutting-edge research, tools and materials used by leading scientists to solve real-world problems. Rolling admissions: First application deadline for early review is January 3, 2022, 5:00pm PST. (final deadline March 1) Click [here](#) to apply to Big Summer 2022.

National Center for Atmospheric Research – HAO – Summer Internships: This opportunity is brought to us by a Carleton parent, Bill Anderson P'23 (andersnb@ucar.edu). You are welcome to reach out to Bill with any general questions about the organization. The SIParCS Program (pronounced "sigh-parks") at the National Center for Atmospheric Research is aimed at university students who are interested in pursuing a career in such areas as:
- Application Optimization
- Data Science

- Machine Learning
- Numerical Methods
- Software Engineering
- Supercomputing Systems Operations
- Visualization

For Summer 2022, we are currently planning for an in-person internship program although everything is bound by the local safety and health regulations due to COVID-19. In 2021 and 2020, our entire program continued as a completely remote internship program. Additional details are available in Handshake. Application deadline: January 10, 2022, 10:59pm.

Full-Time Job Opportunity: Full Stack App Developer –iOS and Android available at Project UniCo, New York, NY. This posting can be found in Handshake. Application deadline is November 28, 10:55 pm.

Other shared links from the Career Center:
- Electronic & Computer Hardware
- Internet & Software

Position Opening at DASH Laboratory in the Software engineering program at the School of Systems & Enterprises at Stevens. Richie Oyeleke, Ph.D, at Stevens Institute of Technology, has an open position in their lab for a funded PhD with a start date in Spring (January) 2022. This is a fully funded PhD position in the Dash Lab. Applications will be reviewed as soon as they are received.

Distributed Research Experience for Undergraduates (DREU)
Are you an undergraduate student interested in exploring research in computer science? DREU interns have the opportunity to be directly involved in a research project and interact with graduate students and professors on a daily basis. This experience is invaluable for those who are considering graduate school; DREU will provide a close-up view of what graduate school is really like and increase interns' competitiveness as an applicant for graduate admissions and fellowships. Applications are being accepted now through February 15.

Become a developer or designer for Hack4Impact!
Info: Hack4Impact (H4I) is a 501(c)3 nonprofit organization that engages software developers and designers at universities across the country to design and implement solutions for nonprofits in need of technological support. We founded a branch at Carleton last year, and since then we've developed a dialogue-based card game app using React Native for Cool Moms Dance Too, an Atlanta nonprofit that uses dance to promote wellness and connection within families. We've also created our own chapter website using React.js from scratch. Since our previous project is coming to an end, we need UI/UX designers and developers like you for our next project this upcoming fall term! If you're interested in contributing to a project like this, where you'll gain real-world development skills, and more importantly, create impact in your community, please email carleton@hack4impact.org. For more information, check out our chapter website,

https://carleton.hack4impact.org/, and the national organization's website, https://hack4impact.org/.

Explore Microsoft: Forwarded to us by a '07 Carleton grad: Explore Microsoft is a 12-week summer internship program specifically designed for first and second year college students. The program is rotational and allows you to gain experience in our different software engineering roles. It's also designed to give you hands-on experience with various tool and programming languages in the field of software development, and encourage you to pursue degrees in computer science, computer engineering, or related technical disciplines. Your on-the-job learning will be augmented with mentoring, community building and networking opportunities. Additional information is located here.

Calendar of Upcoming Events:
Nov. 19: Last Day of Classes
Nov. 20-21: Reading Days
Nov. 22-24: Finals

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