



The Sentinel: October 5, 2020

News and events happening in the [Computer Science Department](#)

CS Tea Tea

CS Tea is taking place on Zoom this term. **Sign up for the [cs-interest mailing list](#)** to receive the link and **join us via Zoom 4:00-4:45pm.**

10/8 CS Tea: Energy-efficient and Reliable Computing Across the hardware/Software Stack with Professor Iris Bahar, Professor of Engineering and Professor of Computer Science at Brown University
Prof. Bahar has been working on the design of computer systems for the past 3 decades. Her research focuses on developing new approaches to reduce power dissipation and improve reliability in high-performance processors, specialized embedded systems and computing systems designed with emerging technologies. Her recent interests have led her to consider design of machine learning and robotic systems, and how they can benefit from energy-efficient design techniques. She will conclude with her thoughts on graduate school. This will be an interactive talk, so feel free to ask questions.

10/15 CS Tea: Graduate School Panel

Three Carleton alumni who are currently in graduate school will speak about their experiences and answer your questions about what CS grad school is like and how to decide if it's something you should pursue.

10/22 CS Tea: Being a Cupcake in a Doughnut World.

Neem Serra (iOS developer at Stitch Fix) will give a talk entitled "Being a Cupcake in a Doughnut World: Understanding and Combating Unconscious Bias."

Computer Science Summer 2021 Off-Campus Study Abroad Program

Message from Professor David Liben-Nowell

Applications are open for the History of Computing in England OCS program in Summer 2021. (Assuming the world cooperates enough to allow this kind of travel.) We'll be based in England (mostly Cambridge, plus significant time in London and Manchester), and travel to France and Germany. The **"early decision" deadline** for program applications is October 16th; the "regular decision" deadline will be in January 2021. Applications are now live! There's a great deal of information about the program on the OCS website (<https://www.carleton.edu/ocs/computing/>), but please don't hesitate to get in touch with David if you have any questions.



CS Department Computer Labs

Just in case you haven't visited the new [CS labs](#), check out the pics posted on our website for a peek at our space. Lab doors are locked but you can access the space easily with your OneCard! We have signage at all the computer stations. Please be sure to follow the safe guidelines posted for sanitizing work stations before AND after use. These are high touch areas and we want to be safe by following the posted procedures.

CARLETON OPPORTUNITIES:

Career Center Event:

Connect with Alumni in 30 Minutes: The [30 Minutes Program](#) kicks off with alumni from info systems/technology. The Fall 2020 program will be held virtually, in group sessions. Students can join this informal conversation with an alumnus to learn about their career journey, how their identity impacts their work and basics about their industry. To sign up, students reserve a spot in [Handshake](#).

[Lila Conlee '15](#) (Computer Science) Software Developer and Designer, [Cortico/Local Voices Network](#); Monday, October 5, 4:00-5:00 p.m

Sponsored by the Carleton Career Center

OTHER OPPORTUNITIES:

Machine Learning and AI Job Opportunity **Foundry.ai** is seeking talented students interested in Machine Learning and AI for roles in Data Science and Software Engineering. Foundry is a small (~40 people) startup based in Washington, D.C. which provides Machine Learning and AI services to businesses. Our goal at Foundry is to use Machine Learning to solve tractable, real-world problems and produce results quickly for a wide variety of different fields. At Foundry, you can expect to work closely with a team of talented individuals on a variety of challenging and interesting problems with direct, real-world results. Reach out to wknospe@foundry.ai (**Will Knospe, Class of 2020**) with any questions.

[Graduate Information Day](#) – Univ. of Nebraska, Dept. of Computer Science & Engineering

This event takes place Saturday, October 17
[RSVP](#) here for this one day event



One-day Cyber-Security workshop for undergraduate women in computer science. College of the Holy Cross is planning to host a free online workshop. This workshop will take place on a weekend in late October/early November. It will be entirely online over the course of about 6 hours, with a mix of video (e.g. zoom) and live

peer/group chat (e.g. using discord), with time built in for lunch, breaks and socializing. The hands-on workshop would focus on reverse engineering and exploitation, starting with the fundamentals of software, software vulnerabilities, and how to leverage those vulnerabilities to gain control of software. The technical content would be somewhat self-paced, with group work encouraged, so participating students need not have extensive CS background or any previous experience with cyber-security---only some basic programming skills (e.g. completion of a CS1 course in Java, C, C++, or similar) and some exposure to a command-line terminal. Besides getting a taste of cyber-security, we aim for this to be a fun event where students can make connections with their peers and get to meet and talk with alumni and experts in the field. If interested contact Kevin Walsh kwalsh@holycross.edu

Reminder - Important Dates

Sept. 30: [CS Study Abroad Zoom information session](#) for Summer 2021 History of Computing in England, with Prof. David Liben-Nowell

Oct.8: CS Tea - Energy-efficient and Reliable Computing Across the Hardware/Software Stack – 4:00pm via Zoom

Oct. 16: Early decision deadline for Summer 2021 Off Campus Programs