



**The Sentinel: October 4, 2021**

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

### **CS Tea Talk:**

CS Tea is our weekly Thursday afternoon (4:00-5:00PM) get-together to spend time together, to share our interest in computer science, and to learn interesting new things. Sometimes we'll have a guest speaker, sometimes we'll have a panel of Carleton faculty or students, and sometimes we'll just get together to chat. Sign up for the cs-interest list and watch for emails from Professor David Liben-Nowell highlighting details about our talks. To get your name on the list, contact [Paula Stowe](#), Department Admin. Asst.

- **Thursday Oct. 7, 4:00-5:00pm, Olin 306:** [Theresa Chen](#), [Rebecca Hicke](#), [Khalid Hussain](#), and [Jade Kandel](#) will present the work that they did as part of Research Experience for Undergraduates program in Summer 2021.
  - **Theresa Chen '22:** *Using Machine Learning Techniques and ICESAT-2 Data to Analyze Sea Ice Features* (at Marquette University).
  - **Rebecca Hicke '22:** *Tools for Tracking Police Misconduct Data* (at University of California at Berkeley).
  - **Khalid Hussain '22:** *Finding Disparity Maps from Stereo Images of Divers* (at the University of Minnesota Interactive Robotics & Vision Lab).
  - **Jade Kandel '22:** *Uncovering the Hidden Half of Plants* (at Washington University in St. Louis).
- **Thursday, Oct. 14, 4:00-5:00pm, Olin 306:** Featured speaker will be [Mitchell Campbell](#) from Carleton's Psychology department.
- **Thursday, Oct. 21, 4:00-5:00pm, Olin 306:** [Laura Beister](#) '16 (Michigan CSE) Laura will speak on a recent research project, and also talk about her path from Carleton to where she is today.

### **SDAs for 2021-2022 (Student Departmental Advisor)**

**Welcome to this year's SDAs:** Vicente Bobadilla Riquelme, Theresa Chen, and Piper Welch. They are here to answer your questions about courses, prerequisites, requirements, registration procedures, etc. They also organize social events such as the t-shirt design during spring term.

### **Summer 2022 Off Campus Studies Program History of Computing in England:**

Professor David Liben-Nowell will be leading the second offering of this new off-campus studies program. (The program first ran in Summer 2019; the Summer 2021 program had to be cancelled for obvious reasons.) The program is centered on the History of Computing, with particular focus on the 19th-century (Ada Lovelace! Charles Babbage!) and the mid-20th century (Alan Turing!), but looking at plenty of other characters and milestones, too. We'll be based in England (mostly Cambridge, plus significant time in

London and Manchester), with an excursion across the channel to France. The coursework includes a mixture of CS, history, and interdisciplinary studies. Prerequisites for the program are CS 111, CS 201, and CS 202 (Math 236 can substitute for 202). Members of the classes of 2023, 2024, and 2025 are all very welcome, regardless of major -- as long as you'll be done with CS 111, 201, and 202 by the end of Spring 2022, it'd be great to have you. There's much more information about the program on the OCS website, at <https://www.carleton.edu/ocs/computing/>.

A few upcoming dates:

- "Early decision" application deadline on Friday, October 15th [application available on [the OCS website](#)]

(There will be a "regular decision" round of applications in January 2022.)

**International Collegiate Programming Contest (IPPC):** Join our team! “The International Collegiate Programming Contest is an algorithmic programming contest for college students. Teams of three, representing their university, work to solve the most real-world problems, fostering collaboration, creativity, innovation, and the ability to perform under pressure. Through training and competition, teams challenge each other to raise the bar on the possible. Quite simply, it is the oldest, largest, and most prestigious programming contest in the world.” The winning team from the regional contest will progress to the divisional competition and compete for a spot in the national competition. If you think you might be interested in participating, send [Aaron Bauer](#) an email and you'll be added to the list of people who will get future ICPC emails. Carleton will compete in the regional qualifier in either February or March.

**Lovelace** (a CS organization for women and non-binary students) wants to help you get prepared. Lovelace's mission is to increase gender diversity in computer science and technology within both the Carleton and Northfield communities. Lovelace members aim to accomplish this through creating supportive and inclusive environments that facilitate effective and fun learning. To learn more, contact [Lovelace leadership](#) and ask to join the Lovelace e-mail list. Also, visit the [Lovelace Facebook page](#).

## OPPORTUNITIES:

The Carleton Career Center is forwarding the following opportunity, brought to you by a Carleton alum, **Andrew Fitch '21** ([fitchand000@gmail.com](mailto:fitchand000@gmail.com)). You are welcome to reach out to Andrew with any questions regarding the organization or the position. Andrew encourages you to reach out to him prior to applying! Applications are being reviewed on a rolling basis so the sooner you apply, the better!

Here are links to the job postings:

- #5378809 [Carl Connection: Software Engineer - Early Professional](#)
- #5378821 [Carl Connection: Software Engineer - Intern \(Summer 2022\)](#)

## 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](mailto:carleton@hack4impact.org). For more information, check out our chapter website, <https://carleton.hack4impact.org/>, and the national organization's website, <https://hack4impact.org/>.

## U Michigan - Explore Grad Studies in CSE

The goal of the one-day workshop is to help undergraduate and MS students better prepare for the graduate school (MS or PhD) application process and broaden participation in computing research.

**When:** Saturday, October 16th, 2021

**Where:** Virtual event **Online Application & Info:** [http://cse.umich.edu/Explore\\_Grad\\_Studies/](http://cse.umich.edu/Explore_Grad_Studies/)

**Deadline:** **October 4** (less than 5min application process)

## Calendar of Upcoming Events:

- Oct. 6:** **SDA organized pizza/ice cream/games event** for CS interested folks.  
RSVP for this event is now closed.
- Oct. 7:** **CS Tea** with student researchers, 4:00-5:00pm, Olin 306
- Oct. 14:** **CS Tea** with Mitchell Campbell (Carleton Psych dept.) 4:00-5:00pm, Olin 306
- Oct. 15:** **OCS program History of Computing in England**, Early Decision application deadline
- Oct. 21:** **CS Tea** with Laura Biester '16, 4:00-5:00 pm, Olin 306