The Sentinel: January 11, 2021
News and events happening in the Computer Science Department

CS Tea – January 2021 Tea Talks:

Tea Talks will continue to take place via Zoom during Winter Term. To receive the zoom link signup for the **cs-interest mailingslist** then join us **via Zoom 4:00-4:45pm**. Watch for emails from Professor Rafferty highlighting details about our talks; also check for postings on the CS department website.

Jan. 14: Dr. Siobahn Day Grady (https://siobahncday.com/, Professor of Information Systems at North Carolina Central University. Her research involves machine learning and natural language processing, and she also has extensive work in outreach, working to make CS more inclusive. She is a BlackcomputeHER fellow and an AAAS IF/THEN Ambassador. In her talk entitled "My life as a computer and information scientist," she'll be sharing her journey in the field of computer science, including persisting through challenges, and talking about both her research and outreach work, as well as having time for questions from the audience. Professor Grady has worked on a variety of projects, and besides working in academia, she's also been an entrepreneur and created a graphic design company.

Jan. 21: Dr. Anya Vostinar, Assistant Professor of Computer Science at Carleton
Jan. 28: No tea event scheduled
Feb. 4:   Information on summer opportunities in the CS department

OPPORTUNITIES:

Computer Science Summer 2021 Off-Campus Study Abroad Program
History of Computing in England **Professor David Liben-Nowell**

Join the info session on Wednesday, January 13th, 4:30-5:30 via Zoom.

This 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 also looking at plenty of other characters and milestones. We'll be based in England (mostly Cambridge, plus significant time in London and Manchester), and travel to France and Germany.

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Announcing the International Collegiate Programming Contest (ICPC)
On February 27, Carleton will compete* in a regional qualifier for the International Collegiate Programming Contest (ICPC), and we need you to join our team! From the contest web page: 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 international competition and compete against teams from around the world. If you think you might be interested in participating, please virtually attend an **organizational meeting Thursday, Jan. 14 12:30–1:30pm**. If you're interested, but can't make that meeting, send me (Aaron Bauer, awb) an email and I'll put you on the list of people who will get future ICPC emails.

Career Center Event: 1:1 with David Goodell '18 at Concord USA (Software Eng. Consultant)
This event takes place via Zoom at 4:00 pm, Thursday, January 28th. Find out more at this link and contact Andrea Kubinski, x5511.

NSF BIT SURE Research Experience for Undergraduates (REU)
Summer 2021. Hosted by North Carolina State University, this 10-week program focuses on *advanced sequencing tools* that are transforming the way biologists conduct research and inclusive science. Participants learn about sequencing techniques and participate in professional development opportunities and site visits. A series of workshops and service-learning opportunities promote diversity in science and learning. **BIT SURE** participants receive a stipend.
The **application** is available on our website: **go.ncsu.edu/BITSURE**
The deadline is **February 14th, 2020.**

Call For Applications: 1 year M.S. Program in NLP at UCSC Silicon Valley
Natural language processing (NLP) is a rapidly growing field with applications in many of the technologies we use every day, from virtual assistants and smart speakers to autocorrect. UCSC has created a unique Master's program in NLP to provide students with the skills and in-depth knowledge of NLP algorithms, technologies, and applications that are in high demand in both industry and academia. Our program goes beyond the classroom by supplying students with industry-relevant projects for the kind of real-world experience that is essential for a successful career in NLP.
Program Highlights:
- 1-year program, including a 3-quarter capstone project
- Core courses covering all aspects of NLP
- Instruction and capstone project collaborations with experts from industry giants like IBM, Microsoft, Amazon and Bloomberg

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- State of the art facilities in the heart of Silicon Valley

Some partial fellowships may be available.
Applications are now open. See https://grad.soe.ucsc.edu/nlp/ for instructions.
Application deadline is **February 3, 2021** for Fall 2021 admission.
Questions can be directed to nlp@ucsc.edu

Reminder - Important Dates

Jan 13: Information Session History of Computing in England Summer 2021, 4:30pm via Zoom
Jan 14: CS Tea with Dr. Siobahn Day Grady, 4:00 pm via Zoom (see details above)
Jan 14: ICPC – International Collegiate Programming Contest – organizational meeting 12:30pm
Jan 21: CS Tea with Dr. Anya Vostinar
Jan 25: OSC Deadline for Summer 2021 off-campus program in England: History of Computing with Professor David Liben-Nowell,