The Sentinel: October 26, 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**.

10/29 CS Tea: Dr. John Benaloh
Dr. Josh Benaloh (Microsoft Research) *How to Run Elections in which Voters can Verify that their Votes are Correctly Counted*
With traditional election technologies, voters have little choice but to trust that Others will handle and count their votes properly. They must trust their local election officials; they must trust the equipment that they use and, by extension, the vendors who built and programmed the equipment; and they must trust numerous other individuals and processes of which they may not even be aware. We can do better.

This talk will show how elections can be run so that voters can confirm for themselves that their votes have been accurately counted – without having to trust any software, hardware, or personnel. This is not just an academic exercise. Systems have been built and piloted in actual elections, and there is reason to be optimistic about broader deployments in the near future

11/5 CS Tea: Social
Connect or reconnect with faculty and fellow students who are interested in CS. We'll have informal conversations and activities to build community.

11/12 CS Tea: Getiria Onsongo
Assistnat professor Getiria Onsongo (Macalester College) will speak about his work in computational biology.

OPPORTUNITIES:

Women of Color (WoC) – which includes Black, indigenous, and Latinx minorities – are the most underrepresented demographic from high paying industries, including software engineering. Yet WoC are flush with the talent, creativity, and social insight to solve complex problems and lead in the software industry. Using a dedicated Slack space and cohorts of 4-5 people, this program seeks to unite WoC and other members of minoritized groups, to battle feelings of isolation and marginalization that are prevalent in educational institutions and industry settings. Participants will be placed in cohorts of

4-5 people and encouraged to meet on a 1-2 week basis. We will also host monthly 1 hour webinars, featuring peer-lead instructional tutorials and talks by professionals from academia and the software industry. Our first kick-off webinar will be in January 2021.

WoCCode is now accepting applications for members of its inaugural 2021 cohort. Follow this link to apply: http://bit.ly/woccode-apply-2020 Forms submitted before **November 24, 2020** will receive full consideration. **Anyone may apply to WoCCode**.

WoCCode is an Astropy sponsored IDE (Inclusion, Diversity, and Empowerment) project, which receives funding support from the Moore Foundation. Questions about the program can be directed to WoC.Code@gmail.com

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.

Women in Cyber Security Workshop
Curious about cyber security? Want to learn about reverse engineering and software vulnerabilities, or how to leverage vulnerabilities to gain control of systems? Interested in hearing from other women and Holy Cross alumni about what it is like to work in cyber security? College of the Holy Cross is hosting a **free** online workshop on **Saturday, November 14**. No prior experience in cyber security is needed. If you have taken a course in introductory computer science, or you picked up basic programming and command-line experience elsewhere, then you have what it takes to succeed at this workshop. Besides giving you a taste of what cyber-security is all about, we hope this workshop will also give you a chance to meet like-minded peers at other schools and professionals working in the field. We aim for this to be a fun too! For details and (free) registration info, see the attached flyer, or feel free to contact Kevin Walsh kwalsh@holycross.edu

Software Engineering Intern opportunity at Hewlett Packard Enterprise, Bloomington, MN – Summer 2021
This is a summer internship. The XCCS Software Development team at HPE is looking to hire enthusiastic summer interns with a passion for development and leading-edge technology. You'll find more information here. Also note, in this site the education requirement may be confusing. HPE is interested in undergrads seeking BA or BS degrees.

Reminder - Important Dates

Oct 26: Advising Days begin
Oct 29: CS Tea – Dr. Josh Benaloh – 4:00pm via Zoom