

CISC Newsletter

UNIVERSITY OF DELAWARE COMPUTER SCIENCE UNDERGRADUATES



What's New

STUDENT & FACULTY
FEATURE

.....
CONCENTRATION
NIGHT

.....
STUDENT
OPPORTUNITIES

.....

UPCOMING: ADVISING NIGHT

Tuesday, April 19, 3:30 - 5:30
Gore 303

Come get your advising questions answered by faculty and students in the CISC department!! We will be there to answer questions on anything you might want to know from next semester's plans to planning all the way to graduation! And enjoy pizza and socializing with other students who also have questions.

If you are a senior interested in helping out, please email us at udcpus@gmail.com

Student Research Feature

Ribo Yuan, Class of 2024

Ribo works on Dr. Mauriello's Electric Vis project, which blends smart meter energy data with physical activity data from the FitBit.

Project Description

This project explores the relationship between energy lifestyles and sedentary behaviors toward reducing energy demand and promoting physical fitness. Students working on this project are engaged in modifying off-the-shelf energy monitoring technology, aggregating data from wearable fitness trackers, and building new in-home interfaces for residential energy customers. The long-term aim is to explore new efficacious feedback and interventions resulting from the union of these and other data sources.

Ribo Yuan joined my lab last summer because of his interest in using computer science for social good applications—particularly around health and energy usage. This made him a perfect fit for one of the projects. Ribo easily stepped into the role of a full stack developer for the project. He takes the initiative in terms of communicate with staff in the ECE/CIS computing lab and this has resulted in him deploying a fully functioning web application and data visualization system that is currently aggregating data from home energy monitoring devices and Fitbits; he is now turning his attention to some of the data science components of the project. He has a strong interest in the topic and I have been able to observe his growth as a confident computer scientist over the past year. He has applied to several top-tier masters programs around health and data science.



Faculty Feature: Dr. Safro

Dr. Safro has joined our department last year. From 2012 to 2020 he was a faculty in the School of Computing and School of Health Research at Clemson University. Before that he was a postdoc and scholar at Argonne National Lab with joint appointment in the University of Chicago. He received a PhD in Applied Mathematics and Computer Science from Weizmann Institute of Science in 2008. His research interests span graph algorithms, quantum computing, machine learning and AI. He always has a lot of projects for undergraduate students in both theory and applications. In his free time, Dr. Safro enjoys playing guitar, violin, flutes, and such folk music instruments as gudastviri, duduk, and oud.

We want to know!

The CPUs are a new entity brought together to enrich the undergraduate experience. We'd like to know how you think we are doing and what you'd like to see change or added. Please fill out the following [form](#). One lucky entry will win a \$20 Amazon Gift Card!

Our First Concentration Events!

Thank you for making our very first Concentration Events a huge success!! For those who came out and learned more about a few of the many different fields of computer science that we have as concentrations, we hope you found the event as helpful and informative as we did! If you have more questions about concentrations, reach out to your advisors or attend our upcoming advising night,

Also, a big thank you to all the amazing professors and students who shared their knowledge, experience, and time with students to explain all the different concentrations that are offered.



Advising & Course questions

We understand that many of you have questions about advising and the CIS undergraduate programs.

For frequently asked questions and other information about our program, check out <https://ucpc.cis.udel.edu>

For questions such as, "can I take this course without the pre-reqs?", "can I get an exception to this rule?", "can you help me register for this class?", etc. use the following email list: cis-ugradprgm@udel.edu and someone will respond to your question/concern.

And, of course, attend our Advising Event, Tuesday April 19 from 3:30 - 5:30!

In an effort to better serve our undergraduate students, and to understand areas where we can improve, the CISC department is asking for your help in filling out this brief survey on advising in our department. Please take a moment to fill out our survey at <https://forms.cis.udel.edu/user/form/6181b13decf269d05ba94835>.

Student Opportunities

DESIGN A LAPTOP STICKER

Design a laptop sticker representing UD and the Computer Science Department! If you win the contest, you'll receive a \$100 Amazon gift card!! Laptop stickers are due April 22.

The winner's sticker design will be used to promote UD's Computer Science Department for new and current students! Imagine sitting in Trabant or Perkins and seeing other students with your sticker design on their laptop!

For Rules:

<https://docs.google.com/document/d/1GedrilMyESAHIzLISJ9jO-Spbwlr7PFxncqy7jYlotE/edit?usp=sharing>

For Submission:

<https://forms.gle/8bLJ6VT7DU2Dnko46>

GO TO AI FOR GOOD

\$2 EACH

CS+SG BINARY BRACELET FUNDRAISER

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ASCII -> BINARY -> BEADS!

We will be selling pre-made bracelets such as UD, CS, UDCS, CSSG, HENS, LOVE, BFF, etc. But if you fill out the form with the QR code you can choose your letters/numbers and colors!

TRABANT 4/13 12:30-2:30pm

Interested in Attending Grace Hopper?

Grace Hopper is the largest conference for women and nonbinary people in technology. Every year our department funds a group of students attending Grace Hopper. This year's conference will be in Florida from Sept 20 - 23. **If you are interested in finding out more, please attend our interest meeting Friday, April 15, 3:00 in 201 Smith Hall**

ADD TO THE NEWSLETTER!

Want to add something to the newsletter? Whether it is a book recommendation to something cool in the department or computer science all the way to a professor or student you recognize, fill out [this form!](#)

CISC Dept T-Shirt:

Still want a UD CISC Department T-shirt? Fill out this form by April 17!
<https://forms.gle/J6obmpphNdtZt2heA>

Open Research Position

Interested in Computing for Social Good? The Sensify Lab (sensifylab.org) is looking for undergraduate software developers with interests in software engineering, physical making, and/or web development to join our on-going projects. Students will contribute directly to research activities, get hands-on experience with engineering tasks, and help us to design efficacious user-facing tools. If interested, contact Dr. Mauriello (mlm@udel.edu) with your resume and unofficial transcript.