

MSCS



Mess

Department of Mathematics, Statistics, and Computer Science
St. Olaf College, Northfield, MN 55057
October 14, 2022 | Volume 51, No. 3

Club Feature - *Linux Ladies!*

Linux Ladies is a female-led organization aimed at promoting diversity in computing and technology, **though this club is open to all genders!** We host speakers, organize networking events, set up professional development workshops, and act as resources for women and other groups underrepresented in the field of technology. We also have a Linux Ladies mentorship program in the spring where we pair an upperclass and underclass student together to create a closer community among women and nonbinary students in the CS department. **If you are interested in joining Linux Ladies, reach out to linuxladies-board@stolaf.edu!** Note that in November Linux Ladies will be collaborating with the Association for Computing Machinery [ACM] and holding an Internship Panel, which will discuss current student's internships and get advice on how to find an internship.



LINUX LADIES

MSCS Students - Wall of Fame!

You may have noticed in the tunnel connecting Regents and Thomson that there's a MSCS Majors and Concentrators photo wall. Well, it's time to update it! If you'd like your photo to be up on the board - which is optimal - please send Ellen Haberoth (habero1@stolaf.edu) your picture in either jpg, tiff, or gif format. The ideal date for submission is October 31st.

MSCS Students - Summer in Budapest!

Come spend a summer in Budapest to explore the [Hungarian mathematics pedagogy](#), which emphasizes problem solving, mathematical creativity, and communication. [Summer@BSME](#) is a six-week study abroad program designed for undergraduates, recent graduates, and in-service teachers interested in the learning and teaching of secondary mathematics. Participants take mathematics education courses to learn about the Hungarian pedagogy. They also engage in a week-long field experience at a math camp, where they obtain first-hand experience on how the methods learned in the courses are put into practice. **To learn more about this exciting summer opportunity, visit bsmeducation.com.** To learn more generally about studying abroad,

check your emails for the Smith Center for Global Engagement, that offers more information about programs and funding.

Attention Freshmen and Sophomores! Math/Education Double Major!

We are doing another segment on the double major of Math and Education. The demand for Math Teachers is always high, and so over the next few issues I'll be releasing information about the Education and Math double major. If you know you are interested in knowing more, contact [Prof. Ryota Matsuura](#)! He'll have all you need to know.

Lets talk about some of the details. Here I will outline some of the more interesting requirements for the Math/Education double major. The double major's Math segment is not too different from the regular math major. However there is one course that is required, which is a 300 level course on Geometry during interim! It's pretty popular so usually it's open to Juniors and Seniors. Next, one of the major courses for the education major is the 389 Student Teaching (Senior req.) 3 credit course. This course allows you to experience teaching first hand by pairing you up with a school - either local or remote. Most student teaching is done in or near the Twin Cities, but other options (including India!) are available.

To submit an article, event, or anything else for publication in the Mess, email hilst1@stolaf.edu; to receive the Mess digitally each Friday, email habero1@stolaf.edu; visit <http://wp.stolaf.edu/mcs/mcs-mess/> for a digital archive of previous MSCS Mess issues.

The Student Teaching course is much like a residency, where you will be given the choice to live on or off campus. **Prof. Ryota is more than happy to help with discussing scholarships or loans available to interested students.** Note there is a huge variety for the type of school you want. Urban, suburban, rural, in the cities or south. So long as you or St. Olaf finds a host school/teacher that school is on the table for discussion.

Next time, we will be talking about Licenses and a few more details regarding the Education Major's classes.

AlgoExpert Begins!

AlgoExpert has now begun! We had a plenty of interest from Sophomores through Seniors, and most cited the importance of algorithmic interview questions. Following this St. Olaf will participate in a Hackathon! Note it is too late to join in on AlgoExpert, but talk to the Piper Center if interested! There might be another opportunity spring semester or next year.

Jacob Hilst, Editor
Daniel Stoertz, Faculty Adviser
Ellen Haberoth, Mess Czar