

DIP Report
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I pursued the following activities during the Fall semester 2019 to help refresh my research interests in probability theory and stochastic processes:

- Reviewed current literature in mathematics and computer science journals related to bootstrap percolation.
- Began talking with my colleague Dr. Rodrigo Gaitan about his research which is related.
- Attended conferences and talks related to the topic.
- Began to formulate problems for undergraduate research in the area.

Thank you for the opportunity to pursue these activities. I feel I've only begun investigating these ideas again. Unfortunately, my ability to pursue more collaboration in the field was disrupted by COVID-19 beginning in the spring semester 2020.