CS 463: Status Report

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Our team is currently still in the process of researching and developing our point matching algorithm, however we have made promising initial progress already.

Eric Henderson and James Savage have been working on algorithms for finding points of interest, and have working code for both a Kirsch Operator algorithm and Minimum Direction of Variance algorithm. We are still considering the best way to move forward with these algorithms, including performing analysis to determine which performs best, further optimizations, and of course algorithmic correctness.

Nick Kamper and Laura Moss are working on the algorithms for point matching itself, given points of interest. They have currently implemented a basic spiral matching algorithm, although we have not yet had time to bring together our interest point finders with our point matching algorithms, which we plan to do soon.

We plan to continue working on our Week 1 goal of point matching over this weekend, and are still planning to have it finished in time to start working on stereo depth mapping in proper next week.