# Proposal

## Arden Rasmussen

The primary goal of this independent study is to expand the path tracing implementation that I began work on last semester.

I will be expanding the abilities of the library that I developed last semester, specifically I will be focusing on improving the artistic control of the path tracer, and the performance of the algorithms.

I will meet with my supervisor weekly to discuss the progress that I have made, and my performance will be evaluated at the end of the semester, based upon the code that I have developed.

I will develop a library, and write a paper on the algorithms that I have implemented into the software. The final test will be if the program is able to render several scenes that the supervisor has defined.

We will meet weekly, and be able to email each other if need be.