

# Gundeep Singh

## Project 2 Pathtracer:

### Things implemented:

- 1) Full global illumination by pathtracing rays through the scene.
- 2) Properly accumulating emitance and colors to generate a final image
- 3) Super Sampled antialiasing
- 4) Parallelization by ray instead of by pixel via string compaction
- 5) Perfect specular reflection

Additional requirements-:

- 1) Refractions and
- 2) Depth of field.

PS: Blog address

<http://raytracerpathtracer.wordpress.com/pathtracer/>