

CPS234 COMPUTATIONAL GEOMETRY

Homework # 0

Due date: This homework is not to be turned in. It should help you on finding a project topic.

1. Surf the web starting at

- *Geometry in Action* by David Eppstein
<http://www.ics.uci.edu/~eppstein/geom.html/>
- *The Geometry Junkyard* by David Eppstein
<http://www.ics.uci.edu/~eppstein/junkyard/>
- *Computational Geometry Pages* by Jeff Erickson
<http://compgeom.cs.uiuc.edu/~jeffe/compgeom/index.html>

2. Download, install and test-run at least one of the following software packages:

- *CGAL*
<http://www.cgal.org/>
- *Alpha shapes*
<http://biogeometry.duke.edu/software/alphashapes/index.html>
- *qhull*
<http://www.geom.uiuc.edu/software/download/qhull.html>
- *Triangle*
<http://www-2.cs.cmu.edu/~quake/triangle.html>